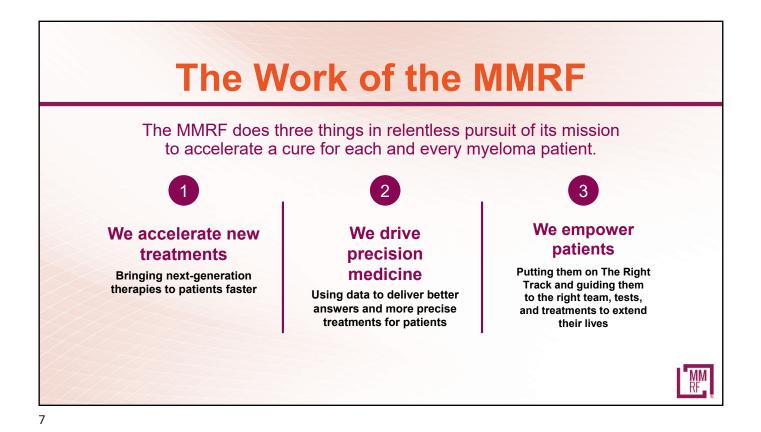
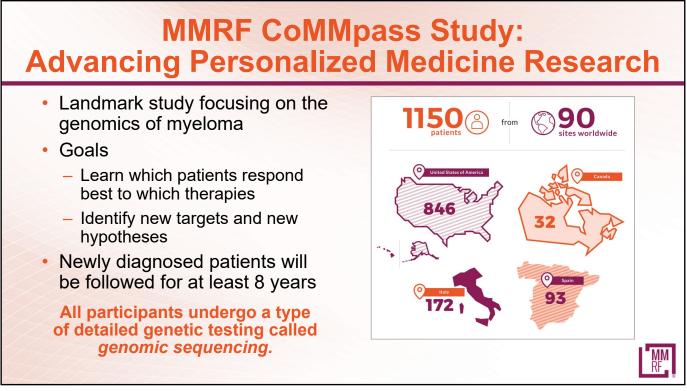
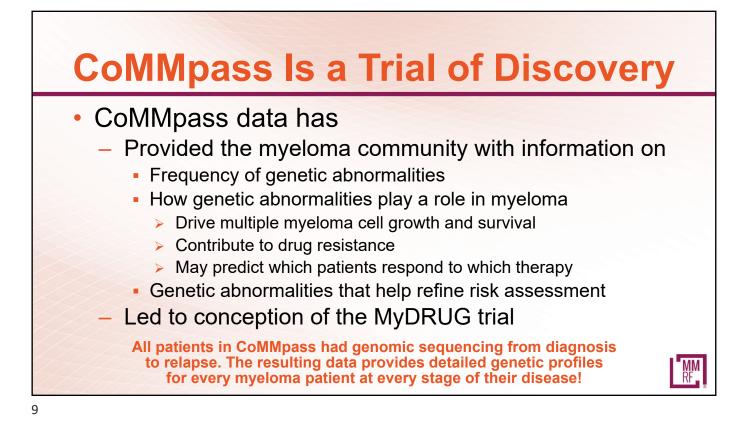


	Summit Ag	onda
Time (ET)	Торіс	Speakers
12:00 – 12:15 РМ	Introduction to the MMRF	Mary DeRome, MS
12:15 – 12:25 РМ	Welcome	Laura Finn, MD, MS
12:25 – 12:55 РМ	Myeloma 101	A. Keith Stewart, MBChB
12:55 – 1:25 РМ	MGUS/SMM	Ambuga R. Badari, MD
1:25 – 1:55 рм	Town Hall Q&A	Panel
1:55 – 2:25 рм	Newly Diagnosed Multiple Myeloma	Amrita Y. Krishnan, MD, FACP
2:25 – 2:55 рм	Relapsed/Refractory MM and Treatments on the Horizon	Paul G. Richardson, MD
2:55 – 3:25 рм	Health Care Disparities in MM	Laura Finn, MD, MS Yvens Laborde, MD
3:25 – 3:40 рм	Break	
3:40 — 3:55 рм	Patient Journey	
3:55 – 4:25 рм	Town Hall Q&A	Panel
4:25 РМ	Closing Remarks	Mary DeRome, MS









# The MMRF CureCloud<sup>®</sup>: a 5000-patient research study





# Together, we can make a difference for every patient with multiple myeloma.

## We are making progress in the fight against myeloma because of contributions from patients like you.

People with multiple myeloma are living longer than ever before – but there's still no cure for most patients. Medical advances have been possible because patients have participated in clinical studies.

#### The MMRF CureCloud® study aims to identify more personalized treatments for every myeloma patient, faster. The fastest way to find these treatments is to make information from every myeloma patient available to cancer researchers.

Myeloma is different in every patient — we need to learn more to see what's best for each patient.

# It's easy and convenient to participate from home — at no cost to you or your doctor.

### Unlike other studies, in the CureCloud you will not need to:

- Take any experimental medication or change your current medications.
- Go for any extra doctor's visits or see a different doctor.

## Sign up online or in a CureCloud participating clinic and confirm your eligibility.

- Get a home blood test (genomic test\*).
- We'll collect your medical records.

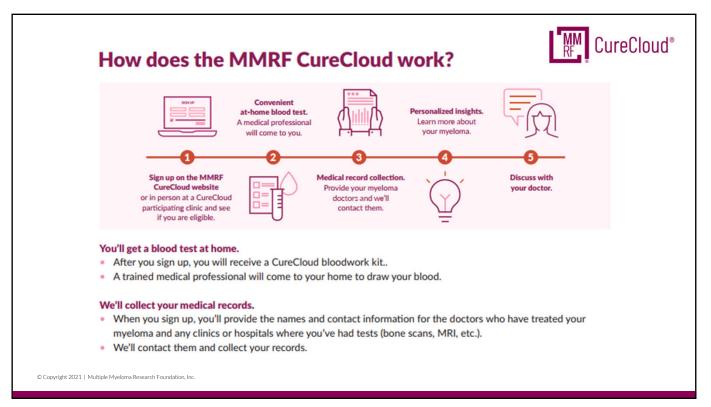
#### You'll help researchers find better treatments while learning more about your myeloma.

Information contributed by you and other patients will help researchers find better therapies for every myeloma patient, faster. We'll share with you anything we find out about your myeloma from your blood test and medical records.

## Your data is strictly protected – the information you provide is held in a very secure database.

\*Genomic test: analysis of myeloma DNA in your blood to see if there are any changes.

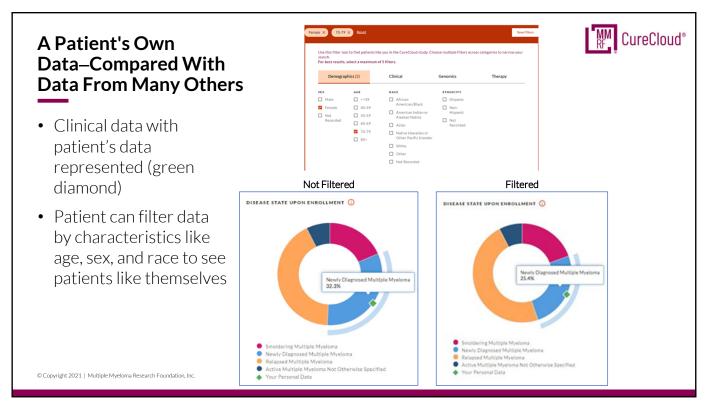
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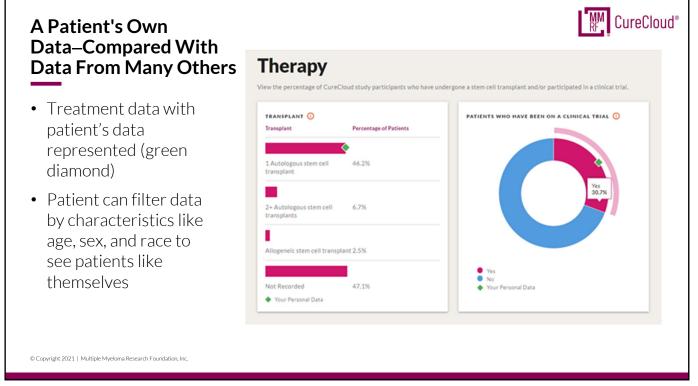


### **MM** RF CureCloud<sup>®</sup> What happens to my information? Your information is shared anonymously - to help the entire myeloma community. The information you contribute is made anonymous and will be available to the myeloma community. Researchers will be able to use this information to learn more about myeloma, helping to find new medicines or even, someday, a cure. In the future, patients and their doctors will be able to access this data to find specific treatment options that are right for them. You'll learn more about your myeloma. Once we've collected your medical records, you'll have access to a private, personal dashboard with all the medical information related to your myeloma\*. With all your information at hand, you'll be able to have better conversations with your myeloma care team. \*Information will only be collected from the myeloma doctors you provide when you sign up. © Copyright 2021 | Multiple Myeloma Research Foundation, Inc.

			l	$\frac{MM}{RF}$ CureCloud <sup>®</sup>
CureCloud*			For patients For physicians	Our progress Contact (L) Patient Navigator
	間 My Personal Insights	↔ My Multiple Myeloma History	음 Patient Data Comparison	on propersy contact
	specifics of your multiplead to smarter treatm	atlent data from CureCloud study participants. Use the f ple myeloma. When you know more, it's easier to have m ent paths. Your personal data is represented by a green octor's office if you have any questions.	neaningful discussions with your doctor that could	
		FILTER CURECLOUD DATA		
© Copyright 2021   Multiple Myeloma Research Foundation, In	nc.			
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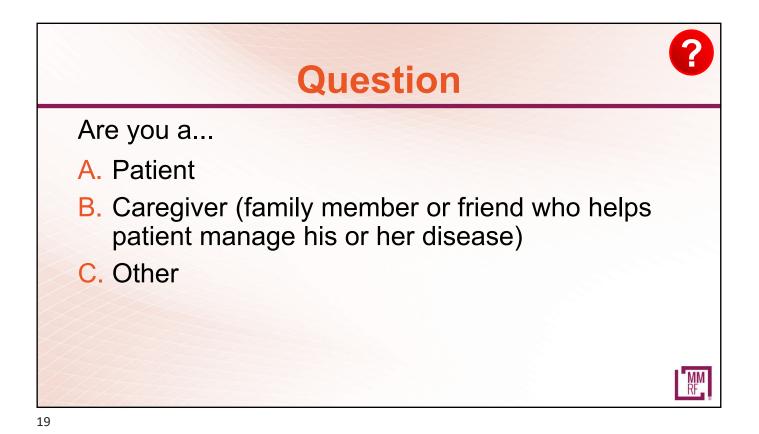


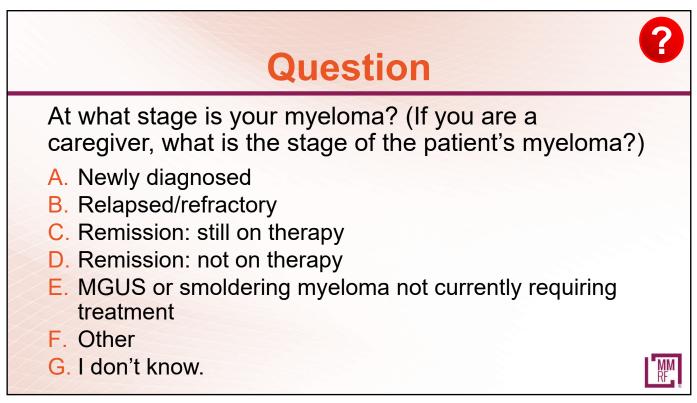


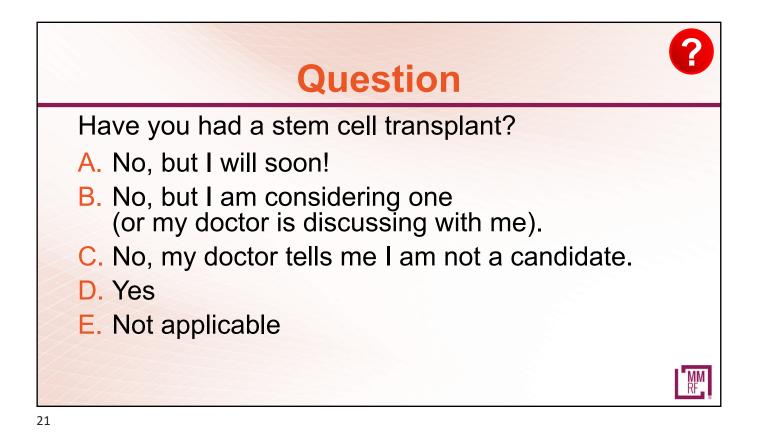


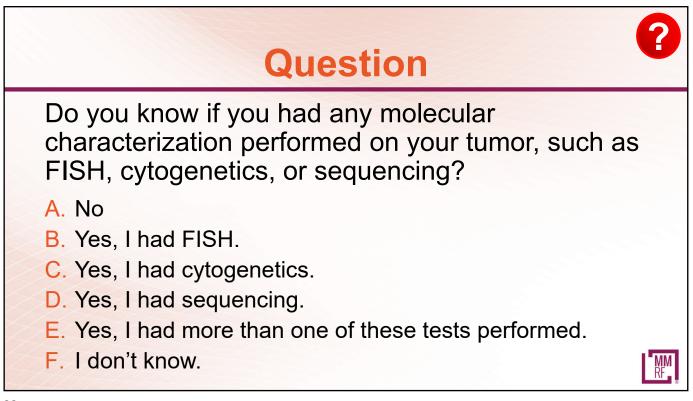


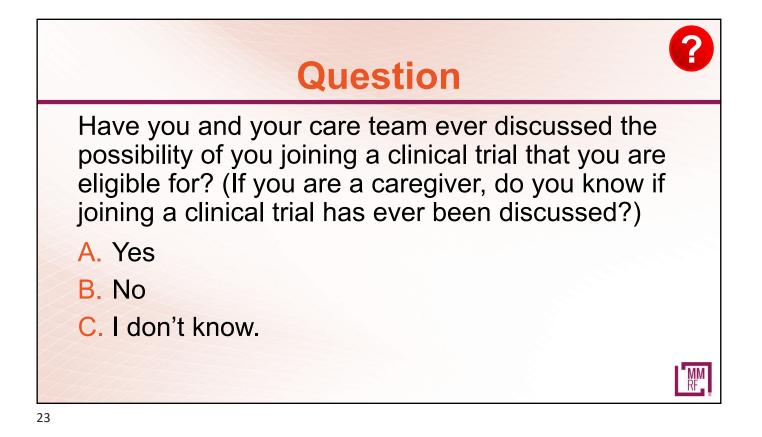


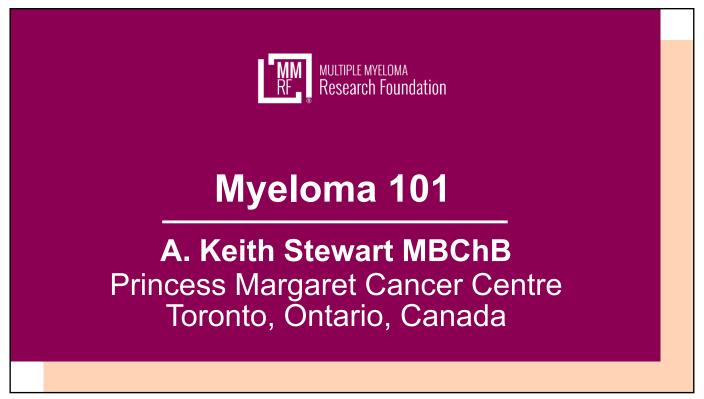


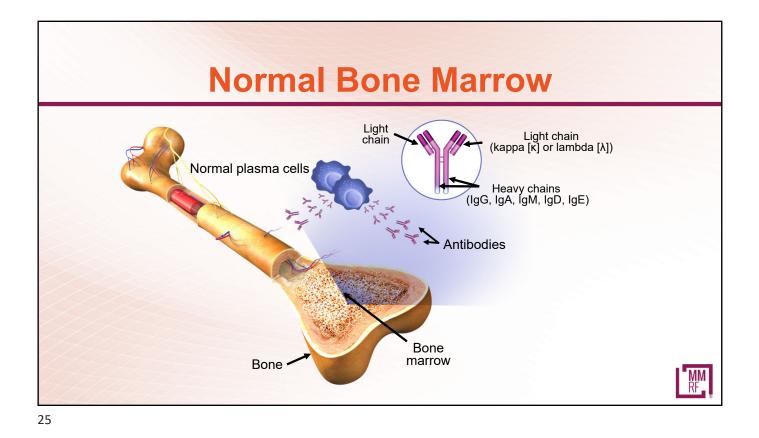


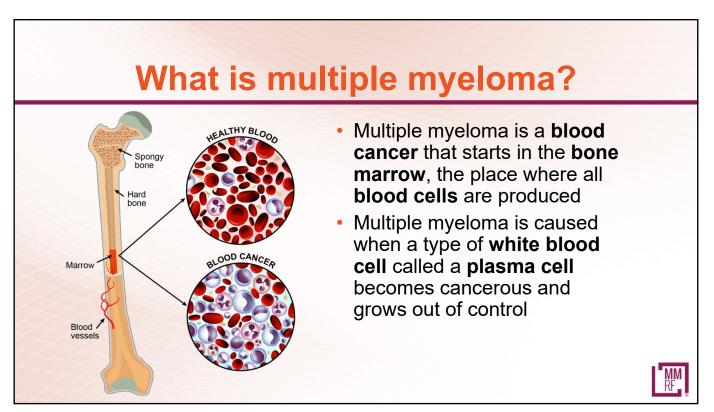


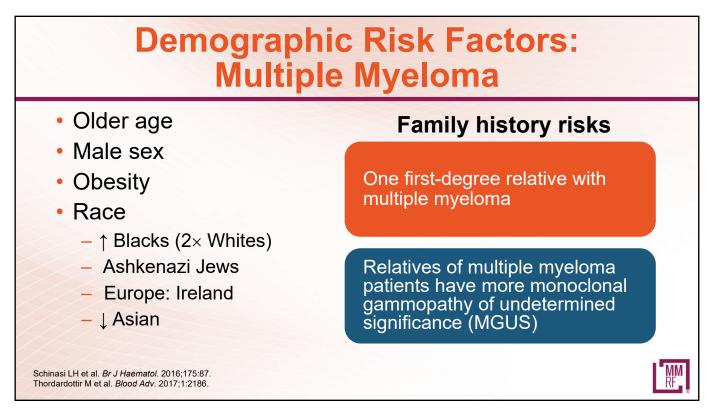


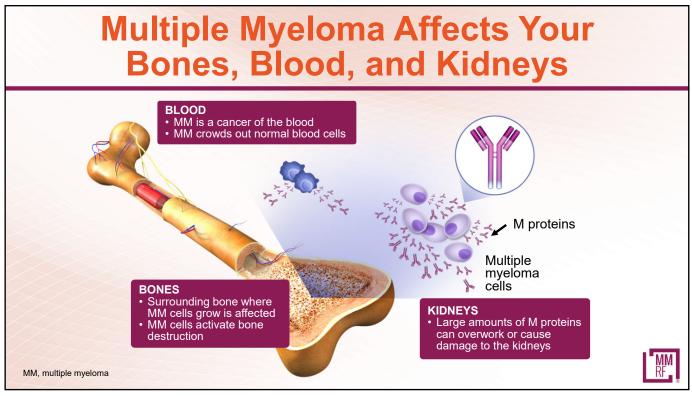


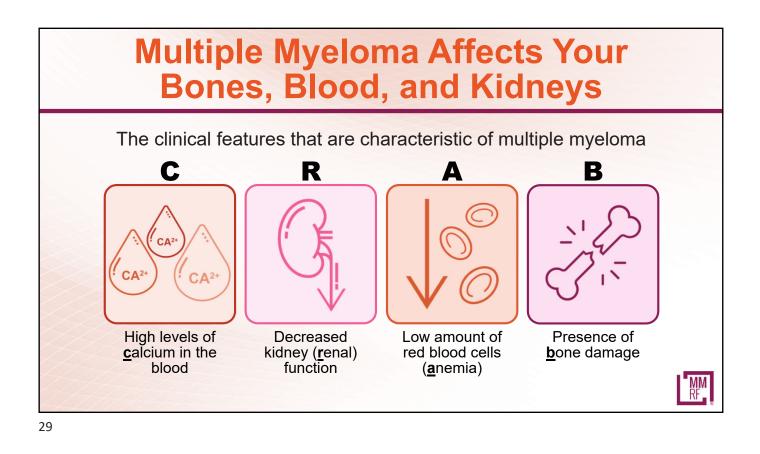


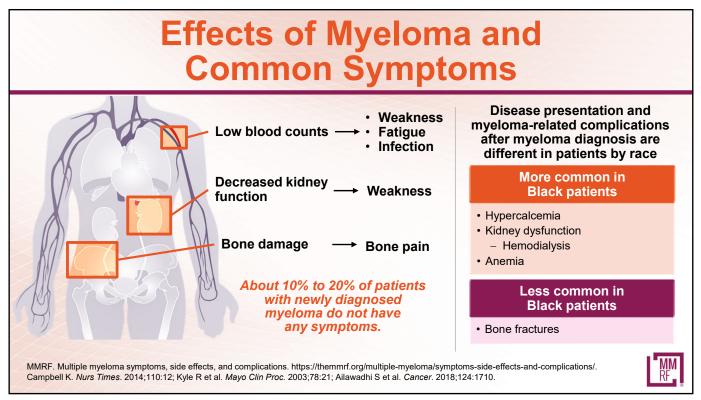


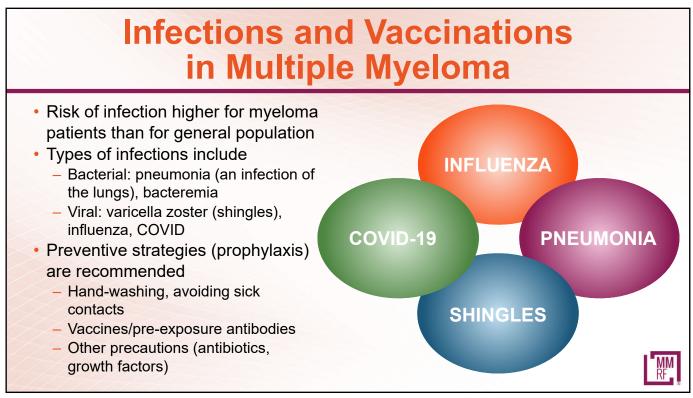




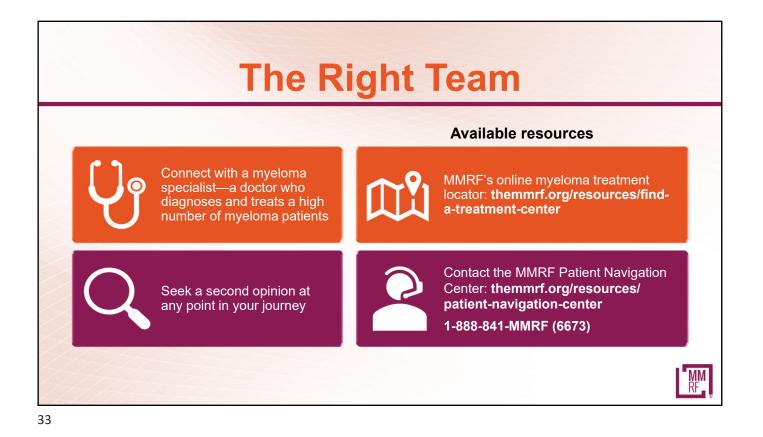


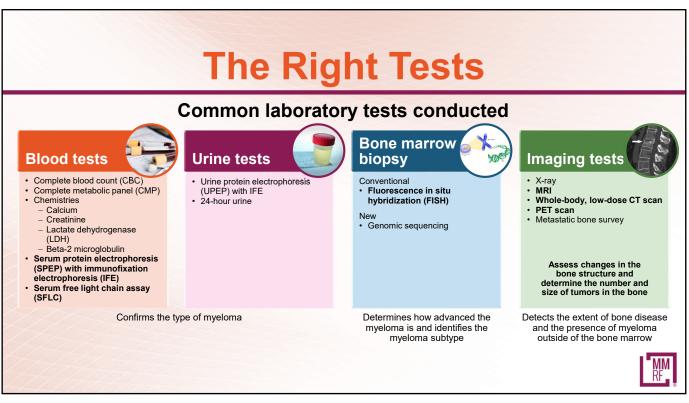


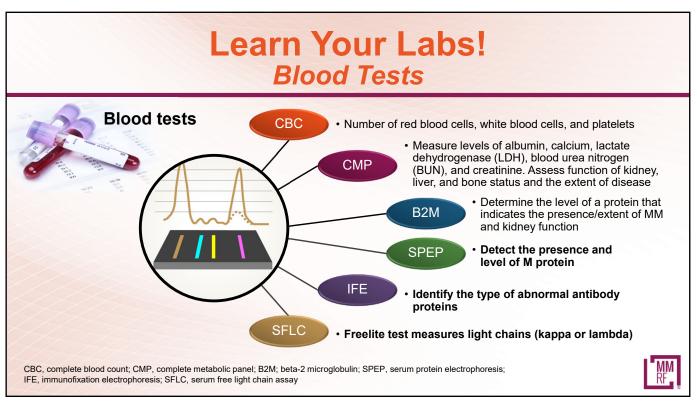




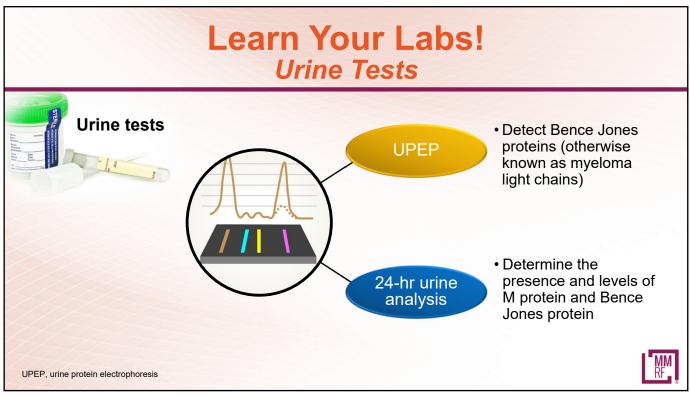


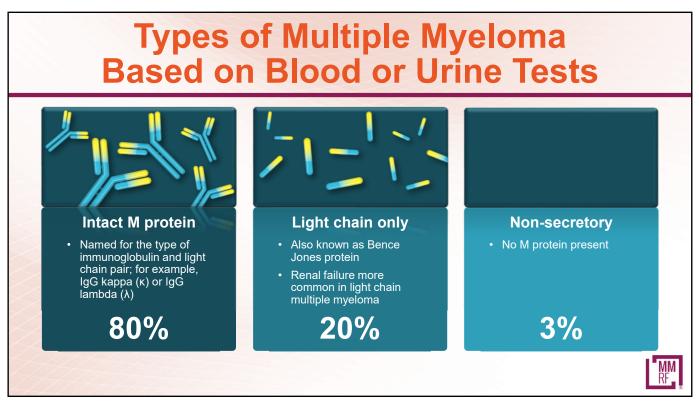


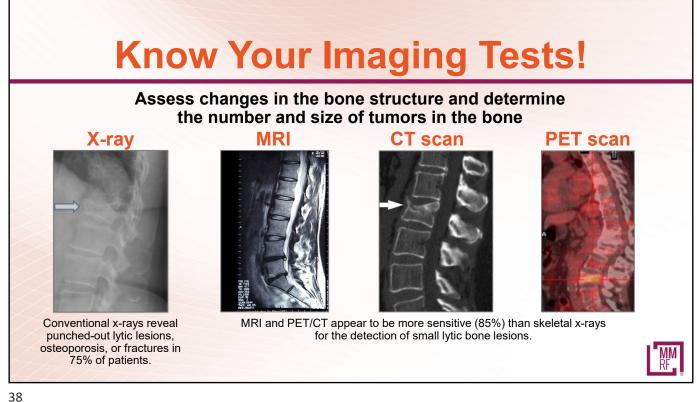


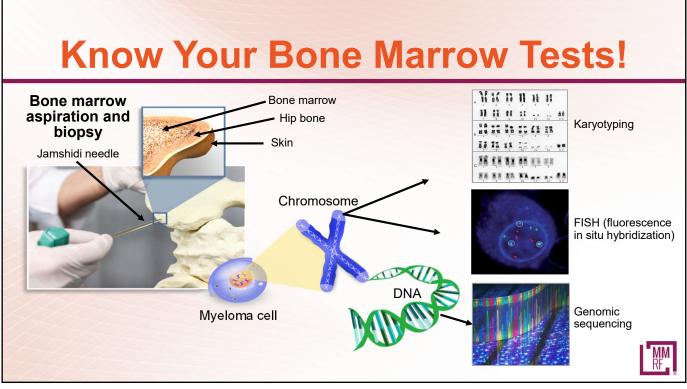


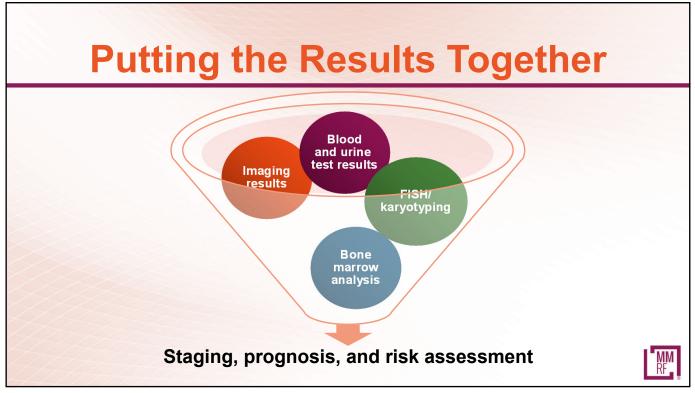
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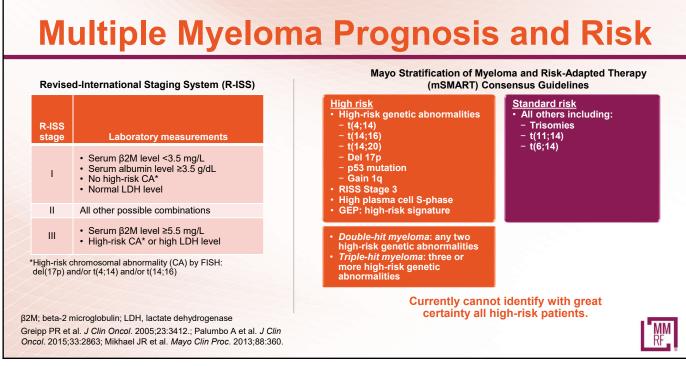




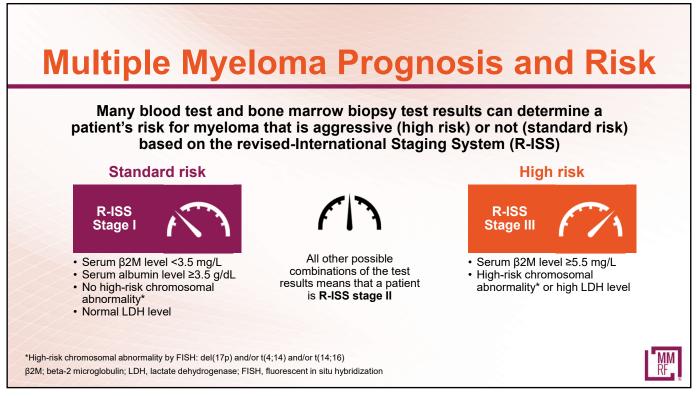




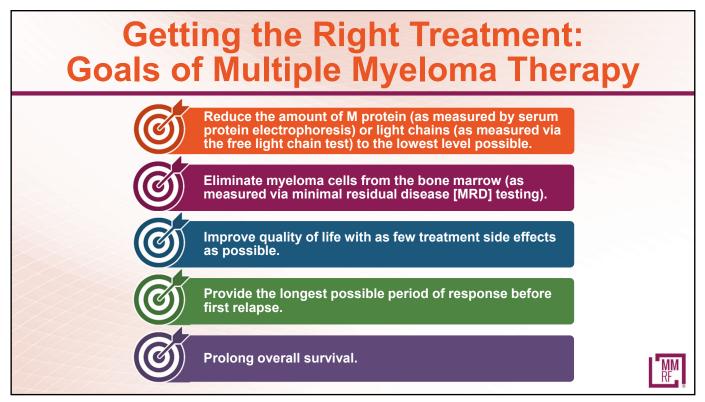


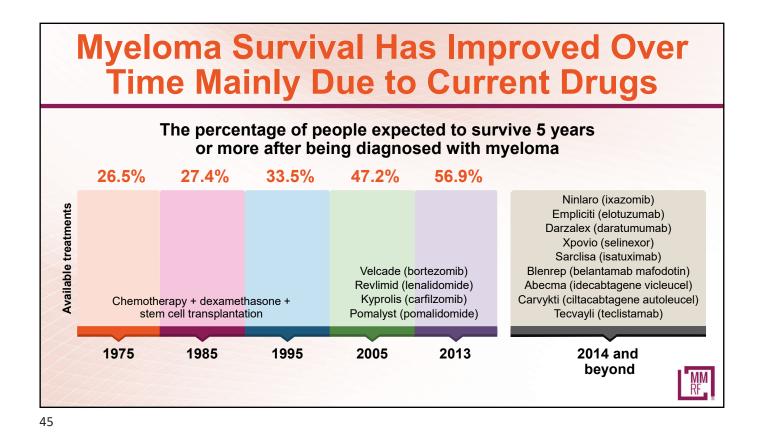


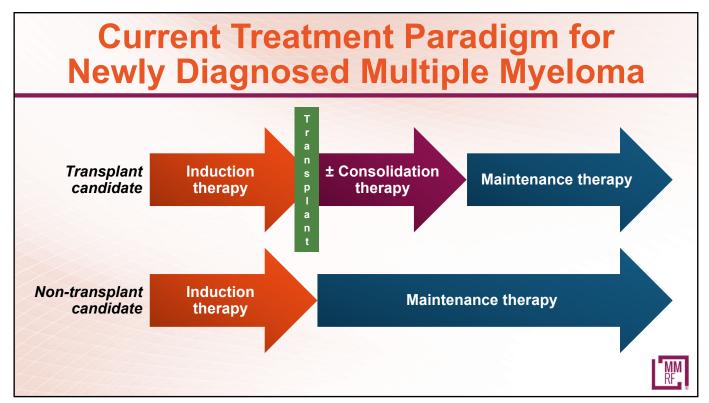


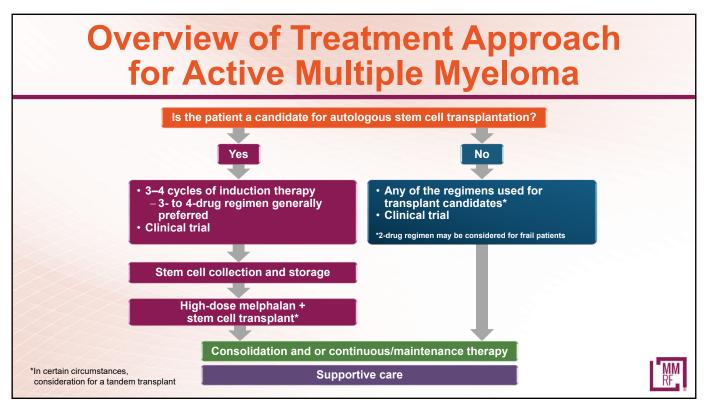


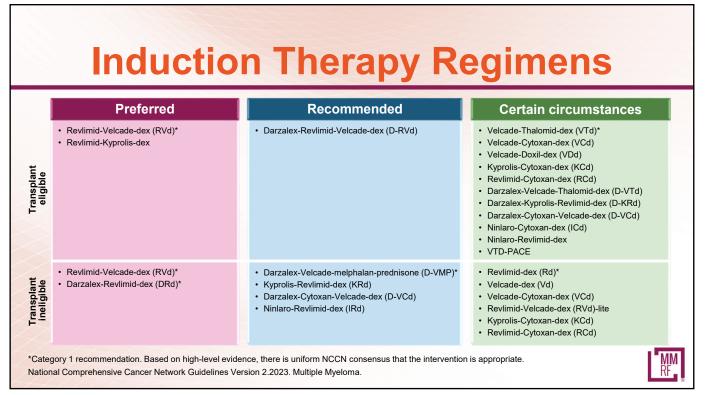
The Right Treatment				
Ē	Know the treatment options available to you based on your myeloma subtype at each stage of your disease.			
3	Be aware of the pros and cons of each option.			
<b>F</b>	Clearly communicate your treatment goals and concerns to the care team.			
$\odot$	Find clinical trials that are right for you.	MM		
43		KF .		

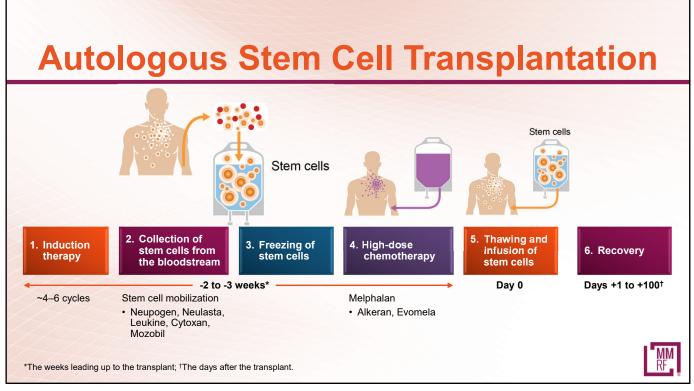


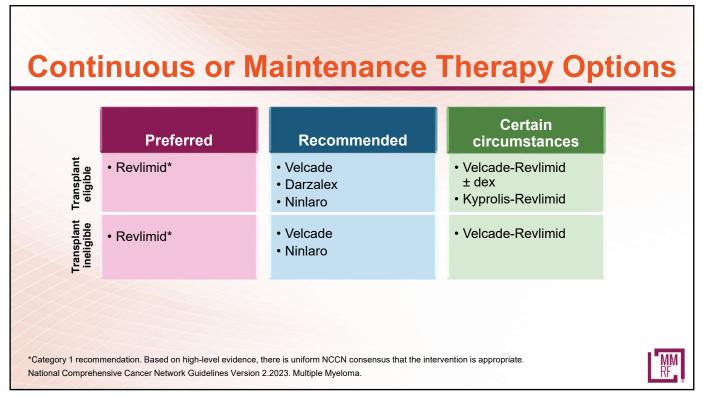


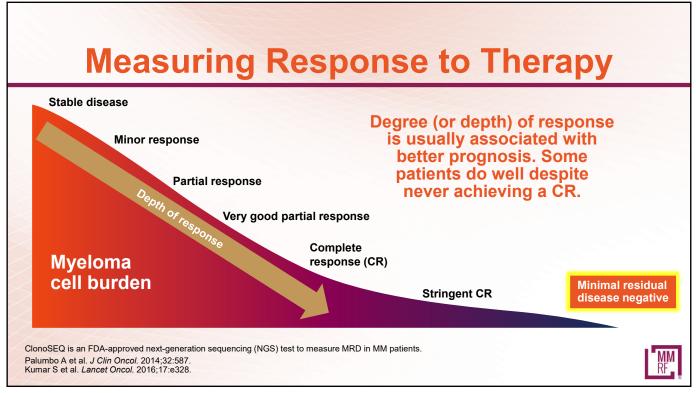




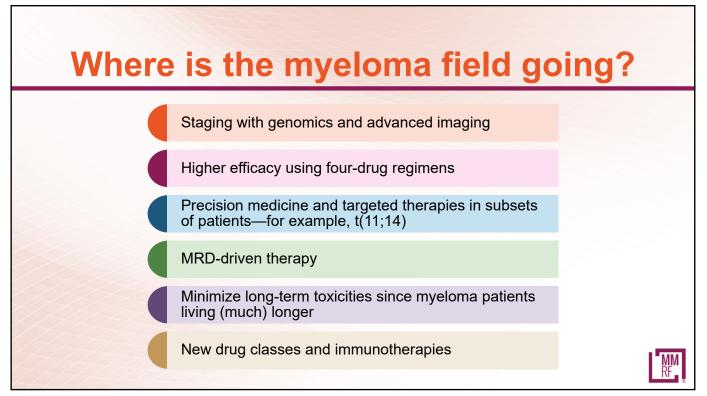


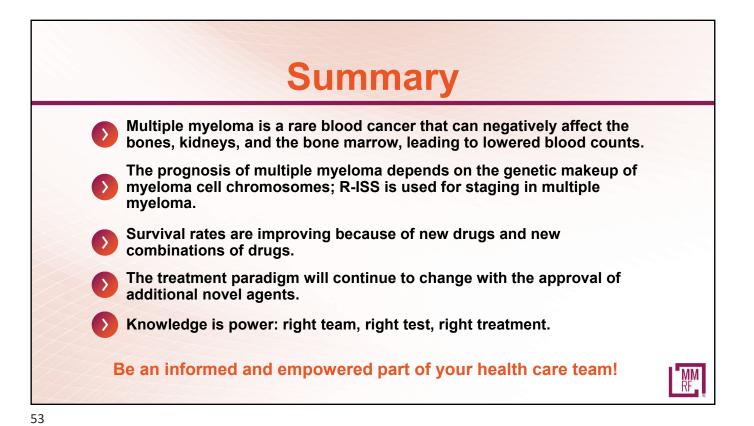


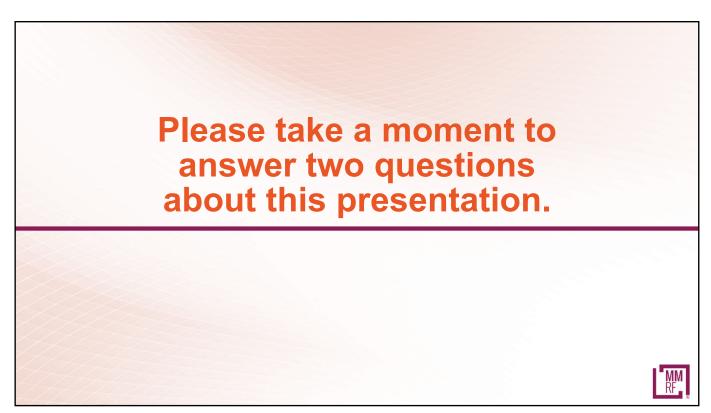




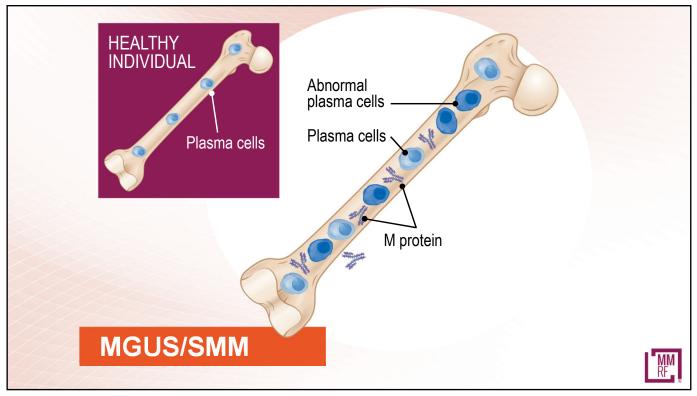


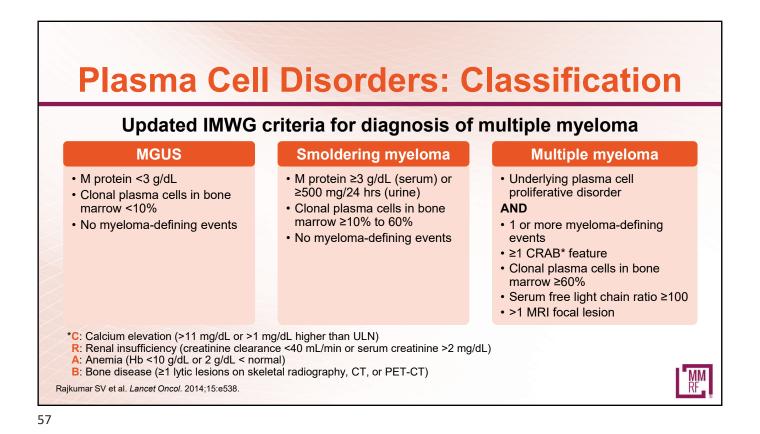


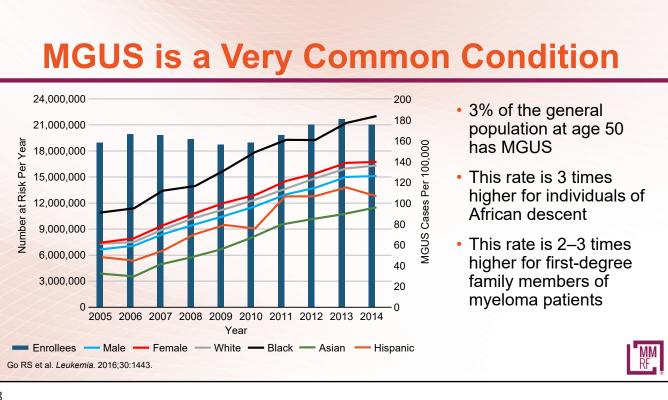


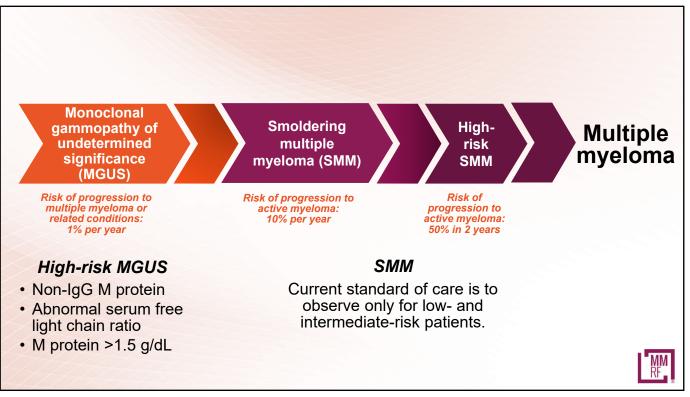


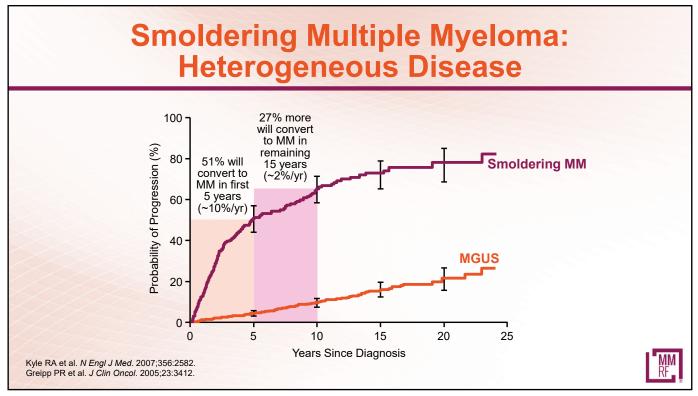


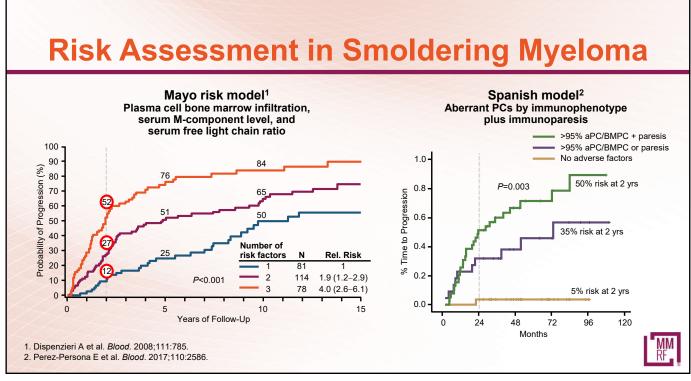




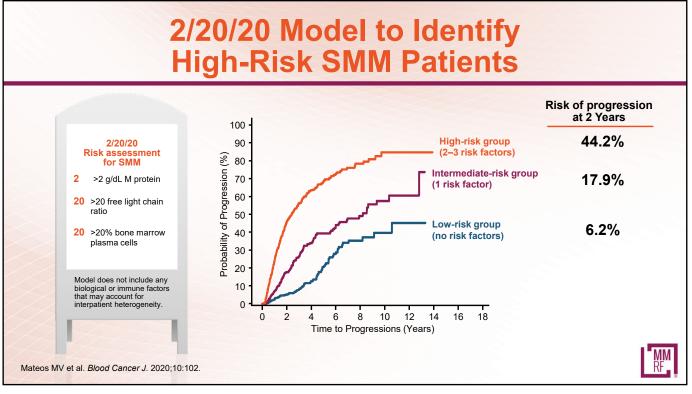


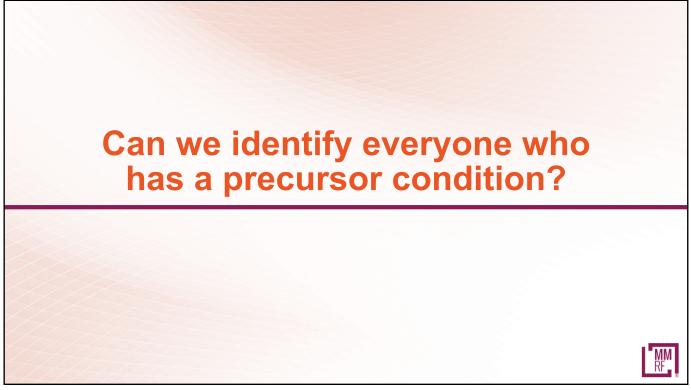


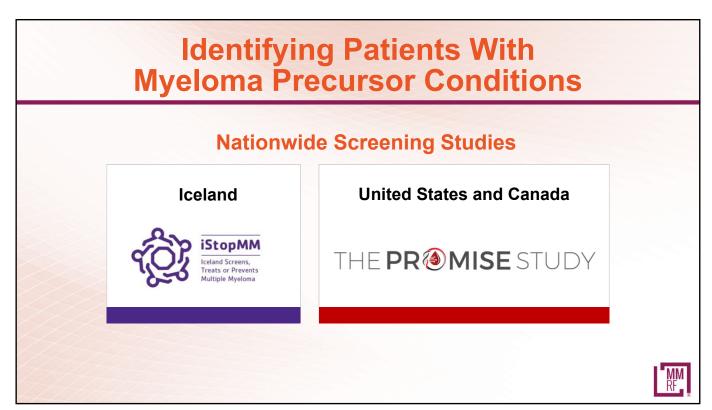


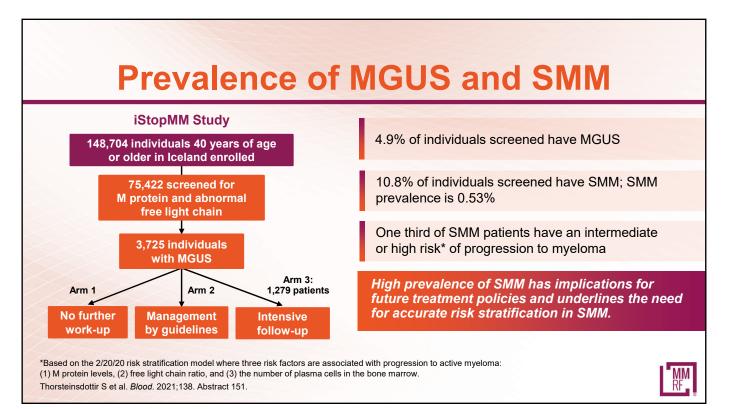


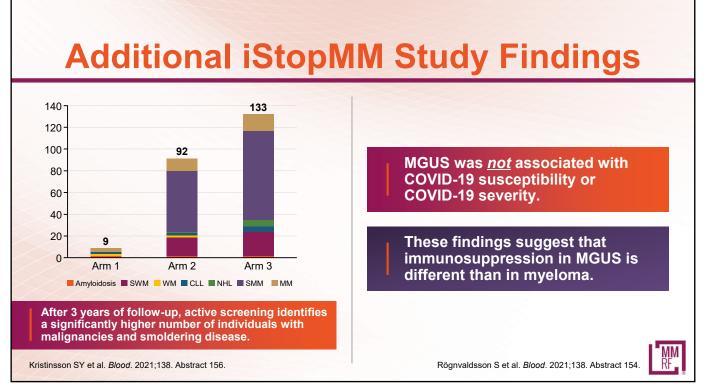


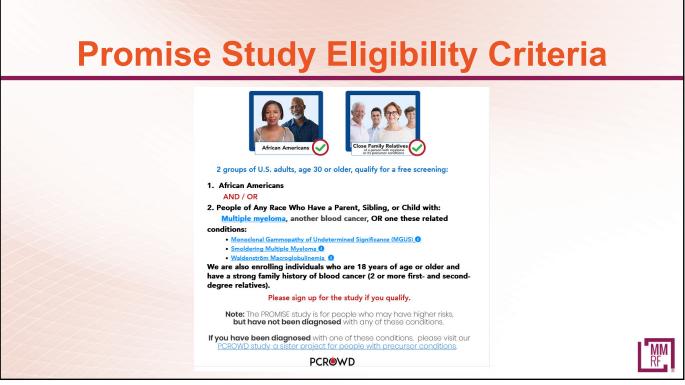


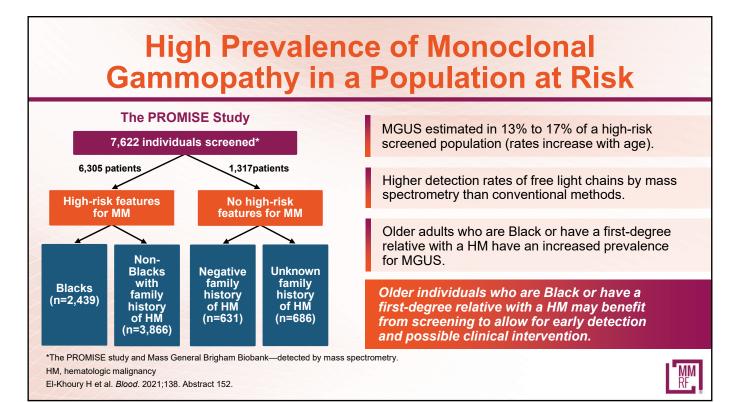


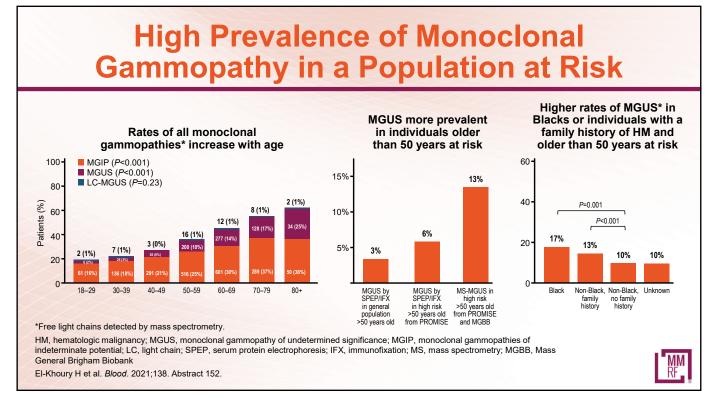






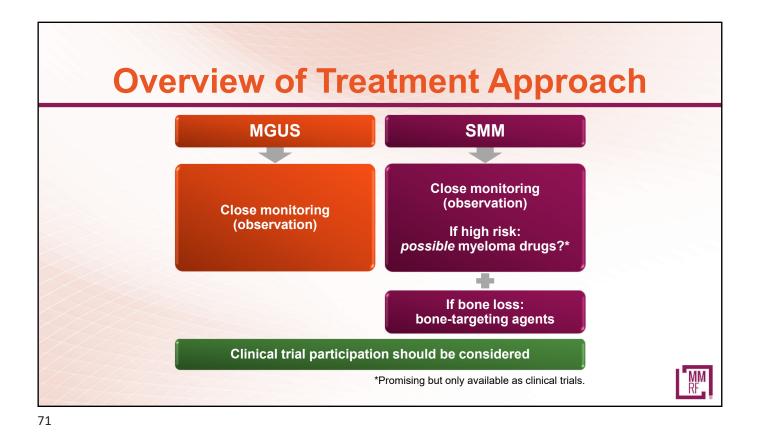


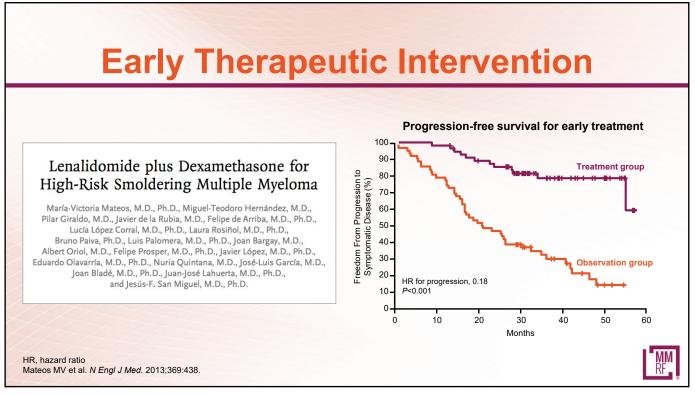


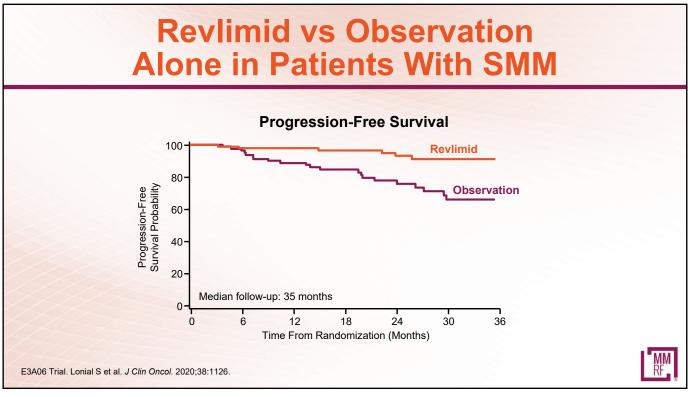




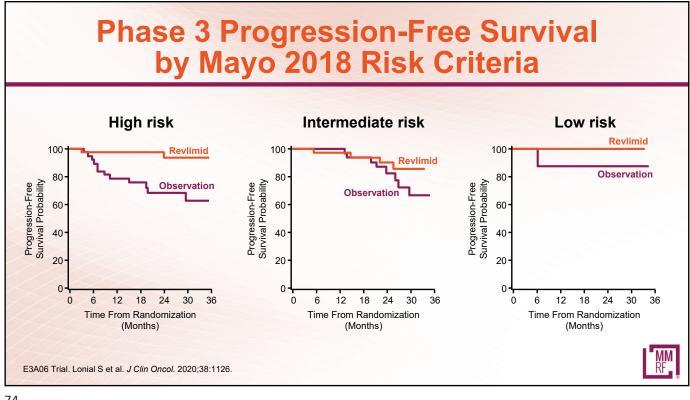






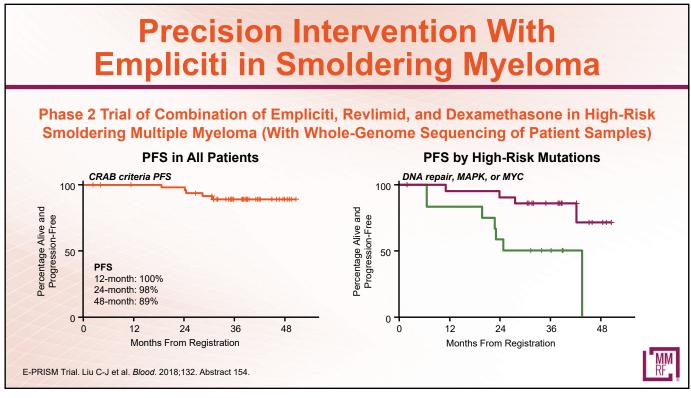






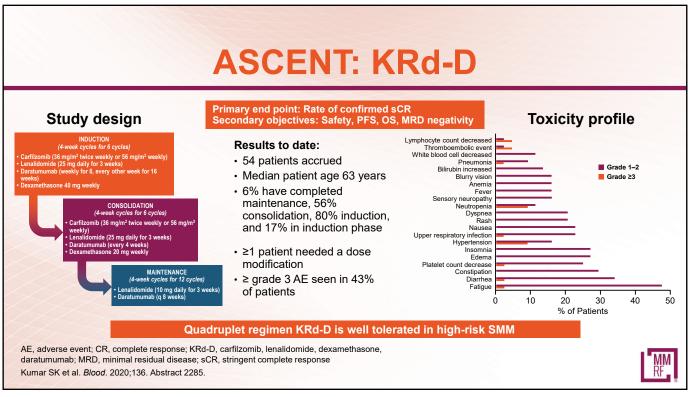
Lessons Learned	The Unknowns
<ul> <li>Early intervention improves PFS</li> <li>OS benefit seen in Spanish study</li> <li>Response rates of ~50% with lenalidomide alone leads to impressive PFS of &gt;90% at 2 years</li> <li>Does response matter as much in SMM?</li> <li>Many patients on observation also do quite well</li> <li>How to identify them?</li> <li>Long-term therapy has toxicity implications and high rates of discontinuation</li> </ul>	<ul> <li>Would addition of a third (or fourth drug) in SMM lead to same benefit seen in NDMM?</li> <li>Some high-risk patients with SMM are essentially MM patients</li> <li>Deeper response should lead to better outcomes</li> <li>Is shorter but more intensified therapy better to limit long-term toxicity?</li> <li>What is the best intervention? Immunomodulatory drugs? Monoclonal antibodies? Proteasome inhibitors? Immunotherapy?</li> </ul>

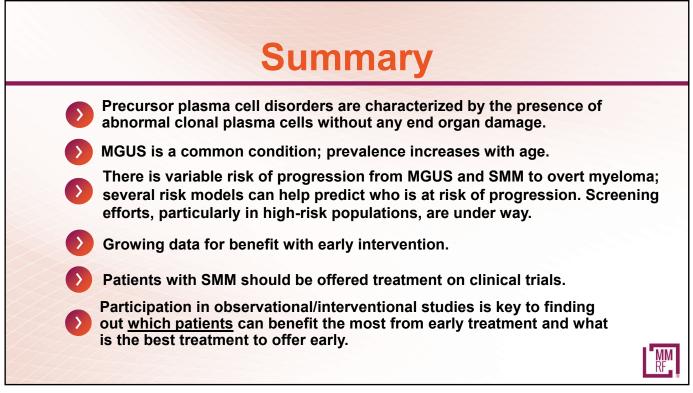
for SMM Patients					
Phases 1–3 or Observational					
SMM patients of disease p	s at high risk progression	SMM/MGUS			
<ul> <li>Revlimid + dex ± Darzalex</li> <li>Ninlaro + Revlimid + dex</li> <li>Darzalex (sc)</li> <li>Kyprolis + Revlimid + dex</li> <li>Empliciti + Revlimid + dex (E-PRISM Trial)</li> <li>Leflunomide</li> <li>Ninlaro + dex</li> <li>Pembrolizumab</li> <li>Kyprolis + Revlimid + Darzalex + dex (ASCENT trial)</li> </ul>	<ul> <li>Iberdomide ± dex</li> <li>Darzalex + Revlimid + Velcade + dex (PRISM Trial)</li> <li>Sarclisa alone or + Revlimid</li> <li>Metformin</li> <li>Revlimid + dex ± Kyprolis</li> <li>Darzalex + Kyprolis + dex</li> <li>Vaccines: PVX-410, DKK1, custom-made</li> <li>Bispecifics</li> <li>Xgeva</li> </ul>	<ul> <li>PO Antibiotic trial (Emory)</li> <li>Predictors of progression (PROMISE study)</li> <li>Genomic and molecular predictors of progression (MD Anderson study)</li> <li>MMRF CureCloud</li> <li>Darzalex</li> <li>Metformin</li> </ul>			

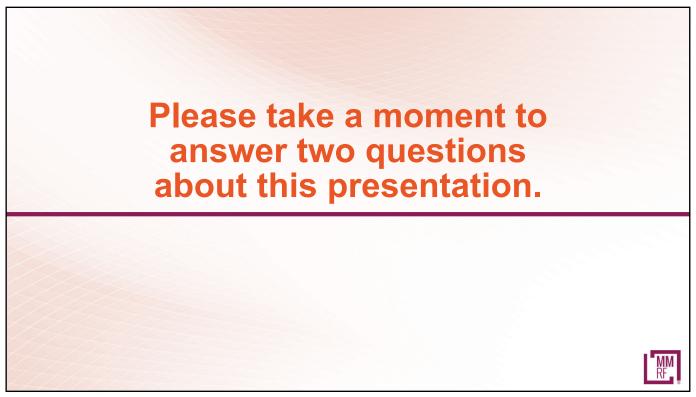




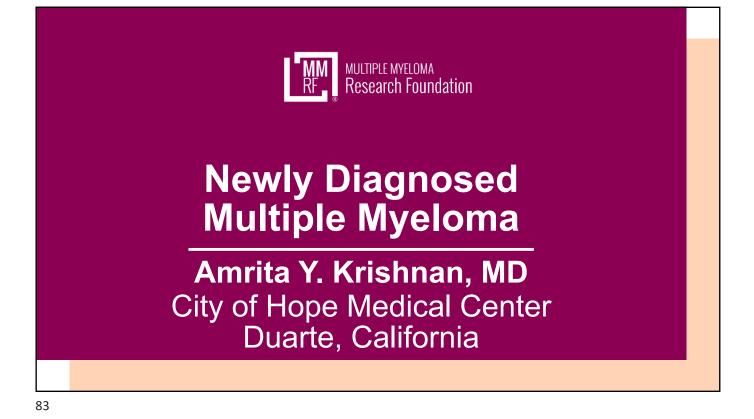
#### **GEM-CESAR: Multicenter, Open-Label,** Phase 2 Trial of Kyprolis-Revlimid-dex Induction Consolidation Maintenance 6 × 28-day cycles 2 × 28-day cycles 24 × 28-day cycles High-risk\* SMM patients KRd ASCT KRd Rd N=90 HDT-ASCT Consolidation Ultra-high Induction **High risk Response category** (n=90) (n=83) (n=81) (n=54) risk (n=27) ORR, n(%) 85 (94%) 82 (99%) 81 (100%) 54 (100%) 27 (100%) ≥CR 37 (41%) 53 (64%) 61 (76%) 41 (76%) 20 (74%) VGPR 35 (39%) 18 (22%) 15 (19%) 10 (19%) 5 (19%) PR 13 (14%) 11 (13%) 5 (6%) 2 (4%) 2 (7%) SD 1(1) 1(1) Progressive disease 2 (3%) **MRD** negative 27 (30%) 47 (56%) 51 (63%) 36 (67%) 15 (56%) MM RF Courtesy of MV Mateos

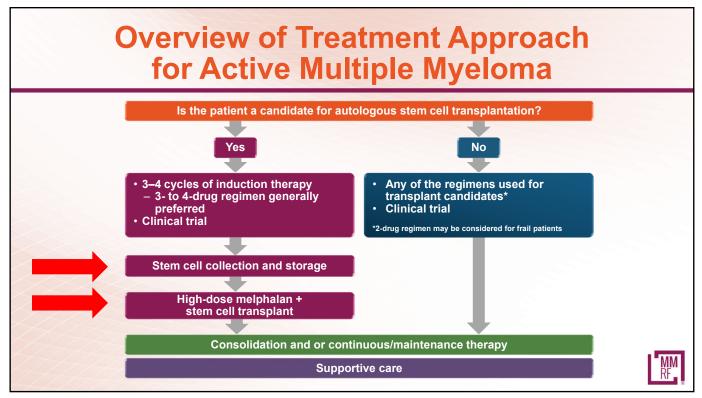


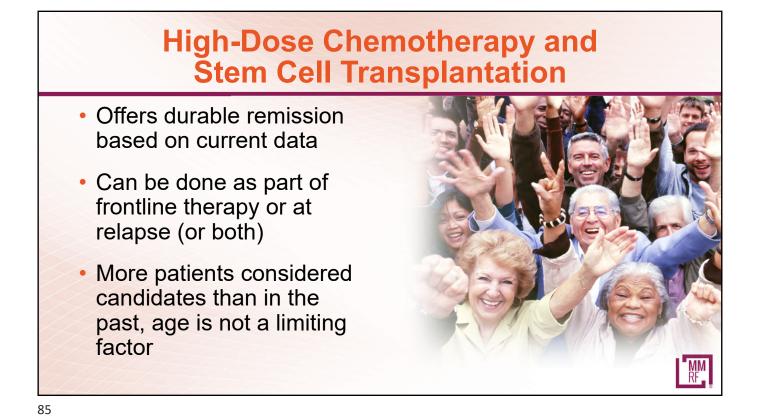


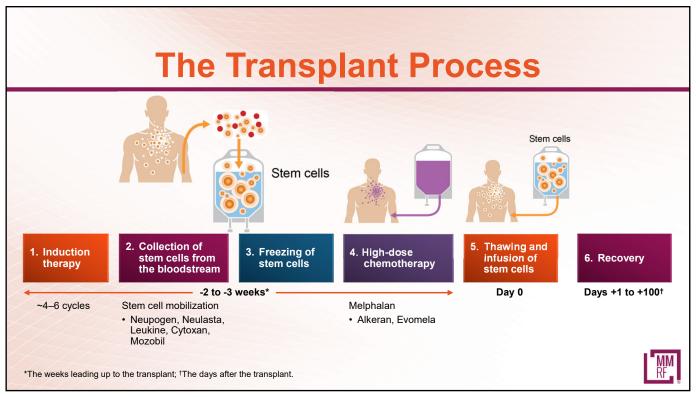


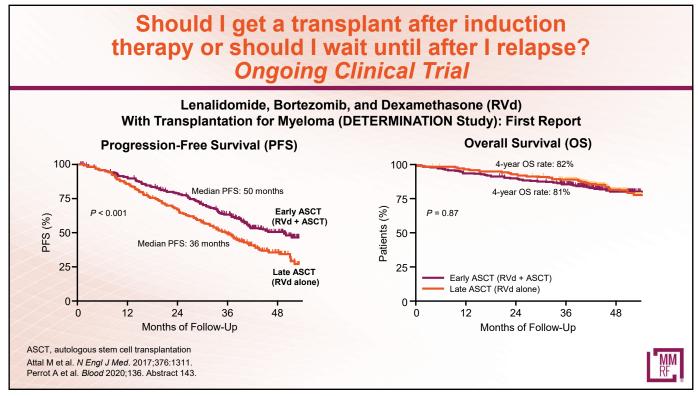




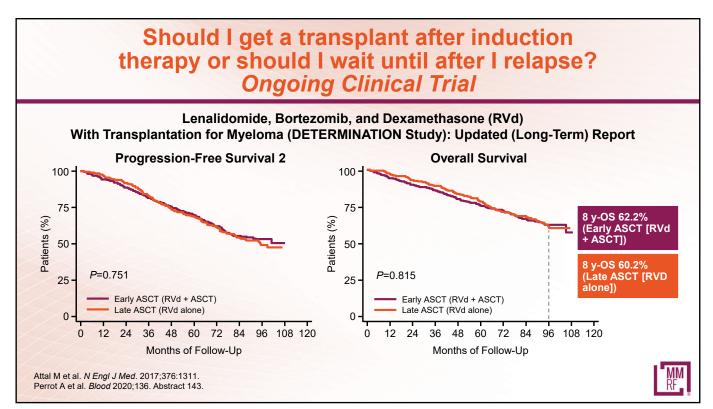


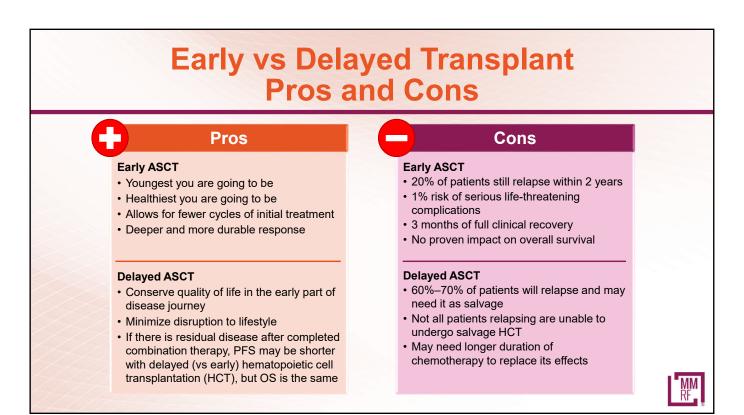


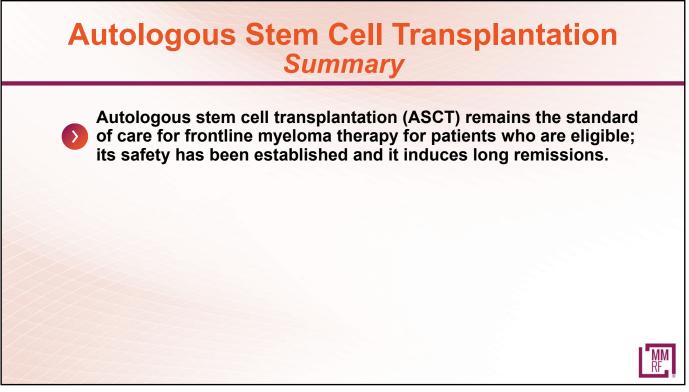


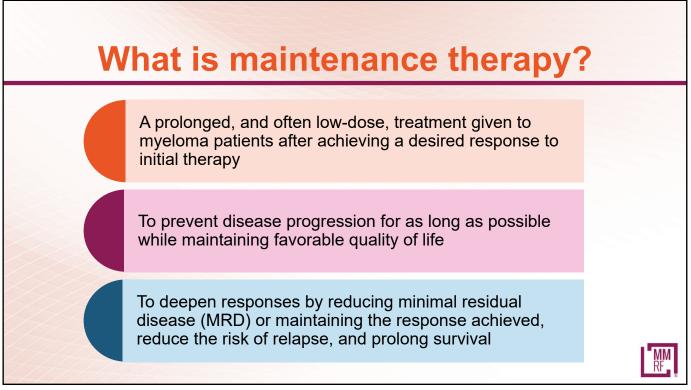




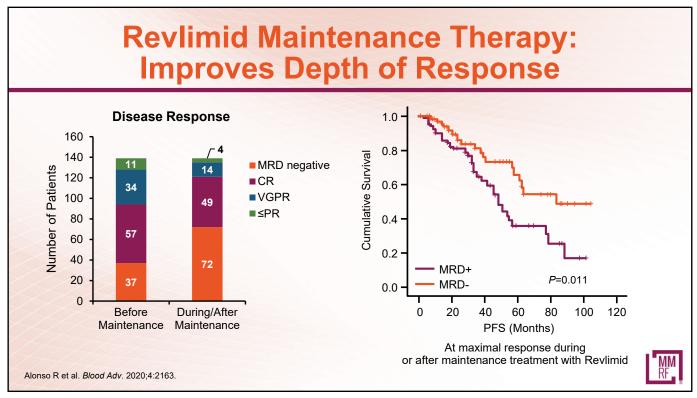




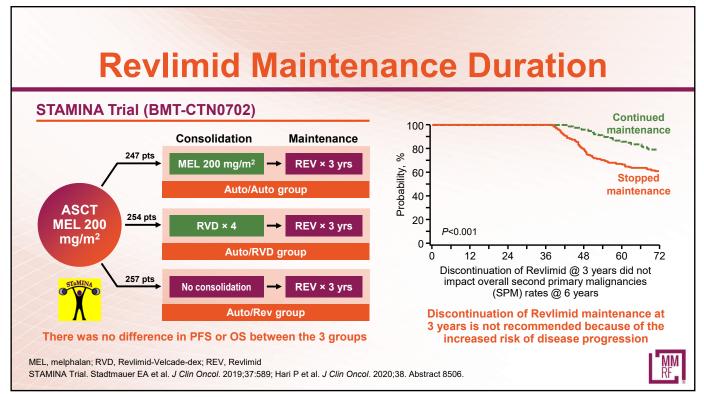


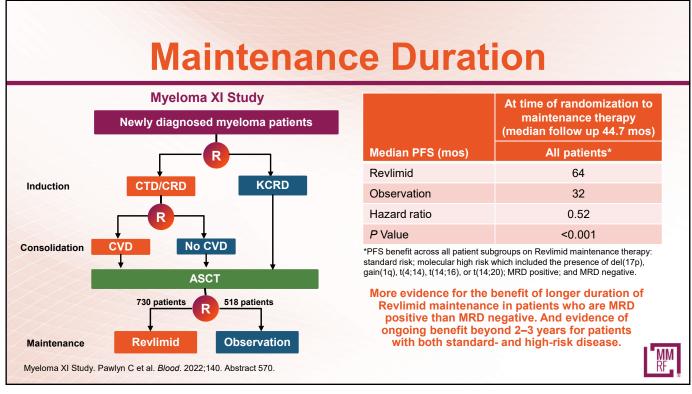


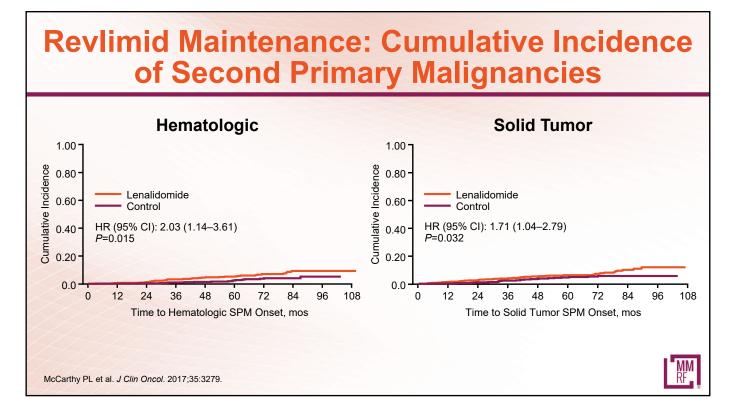


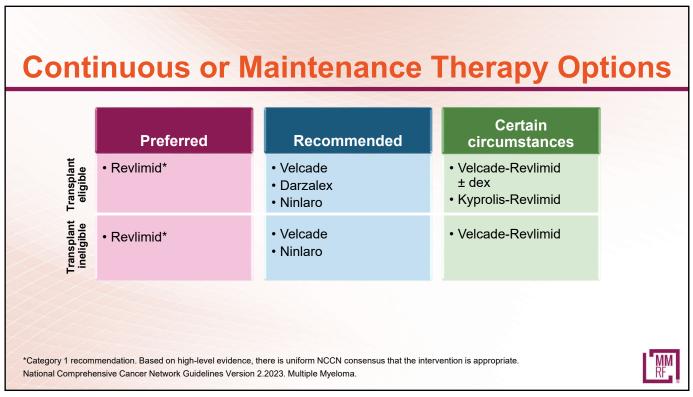


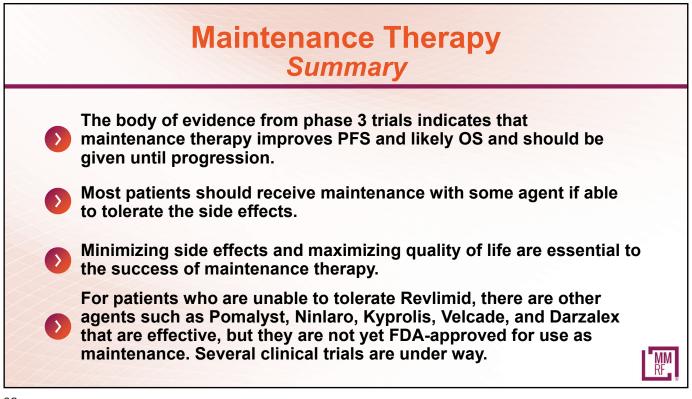
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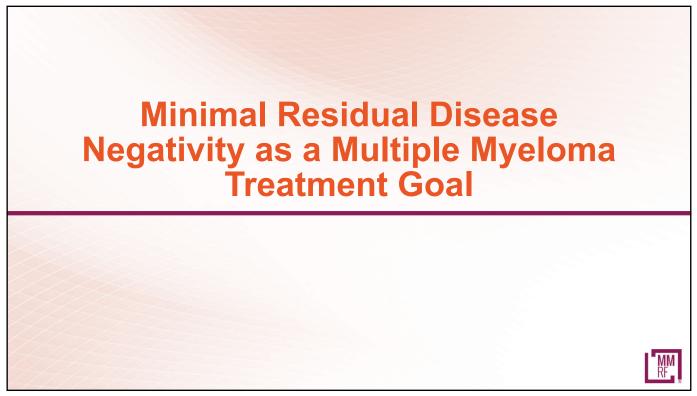


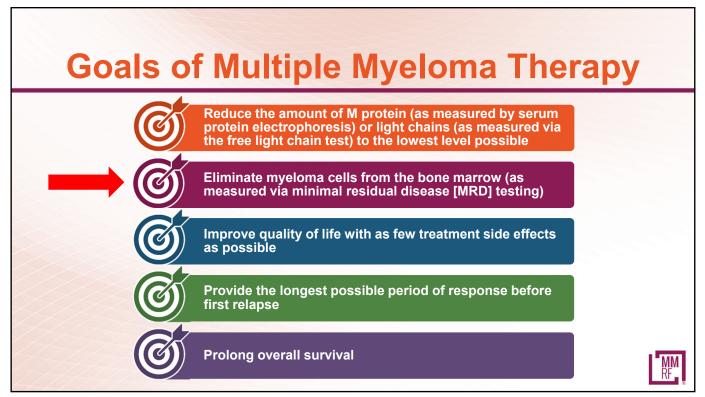


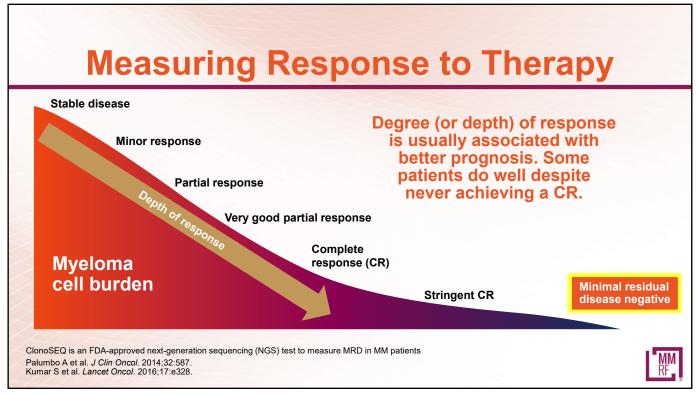


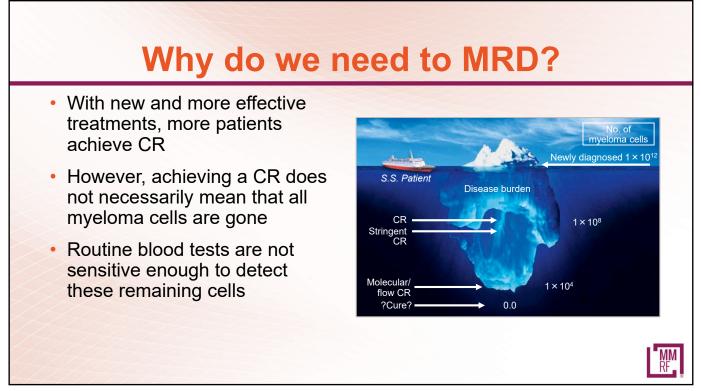


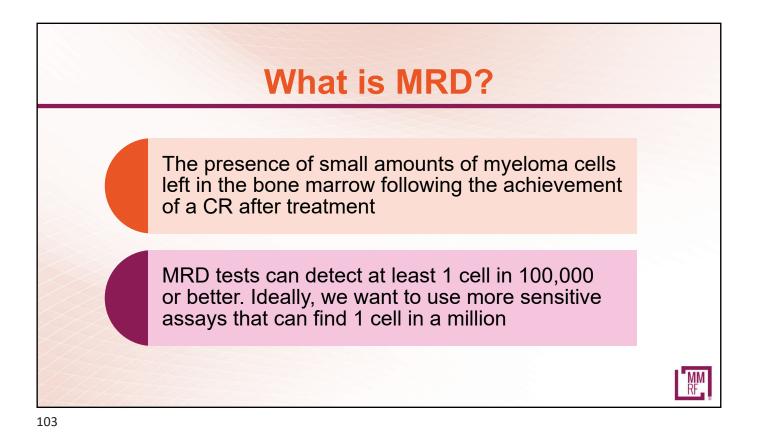


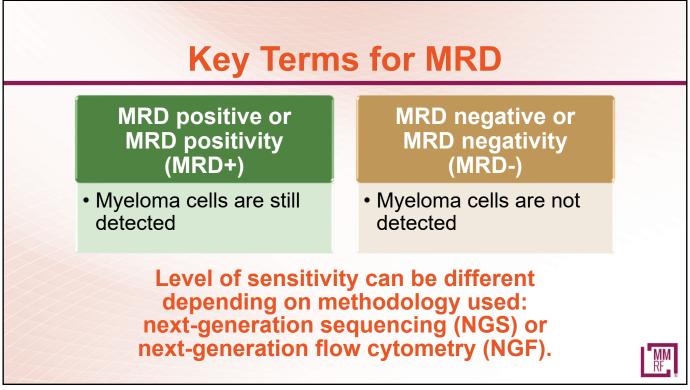


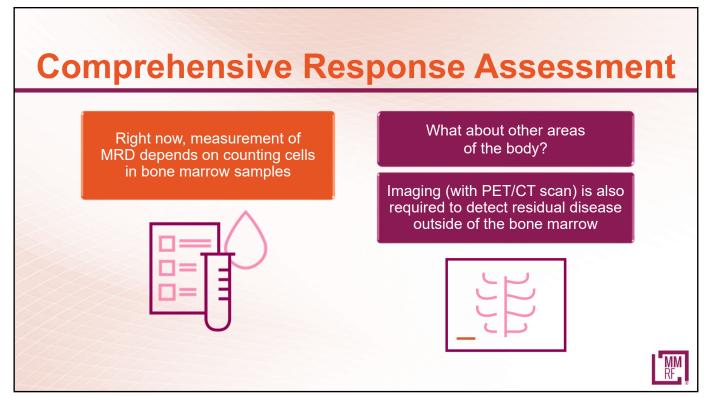


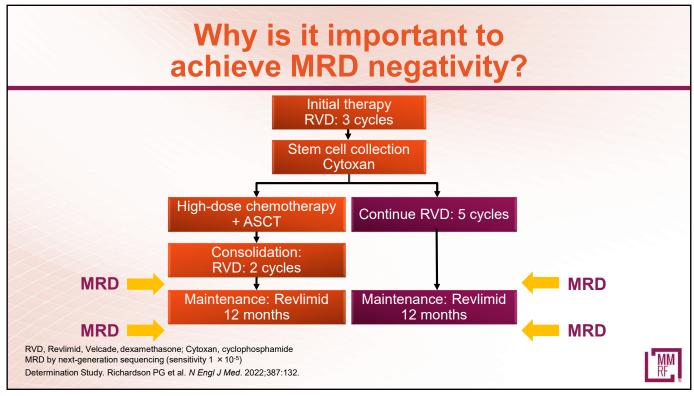




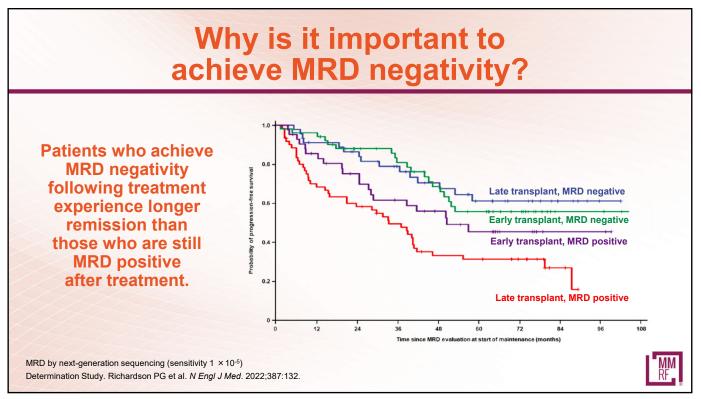


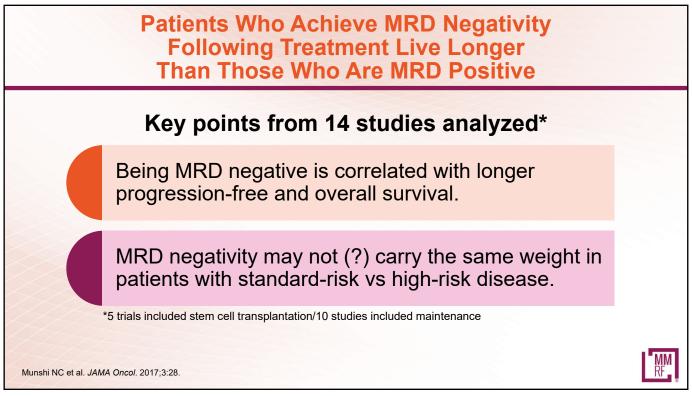




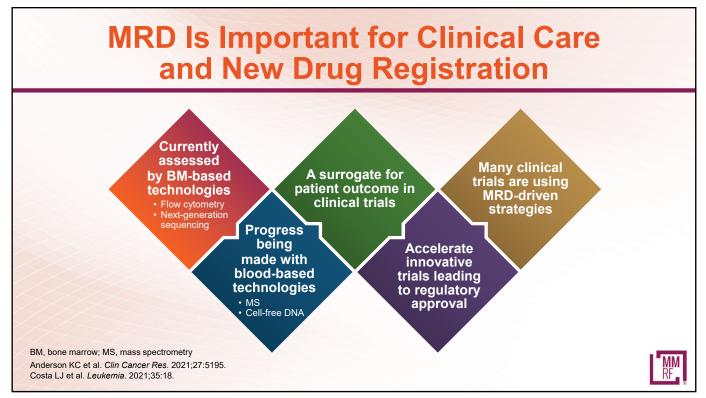


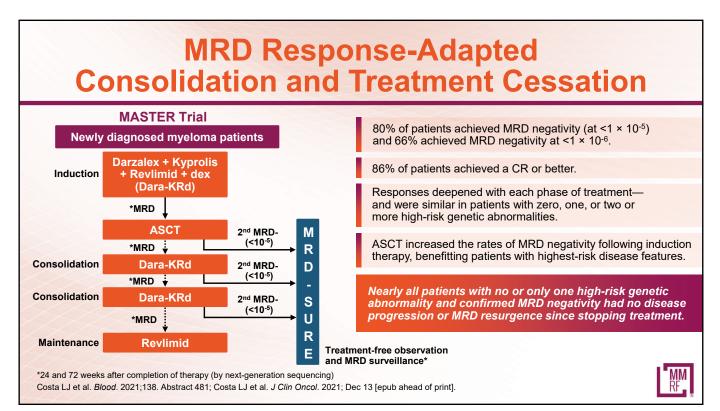
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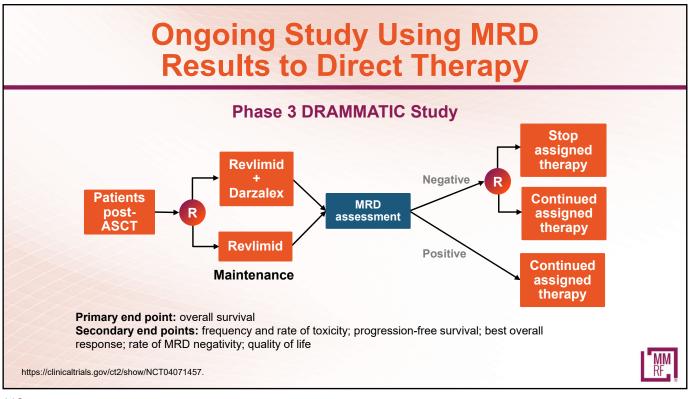


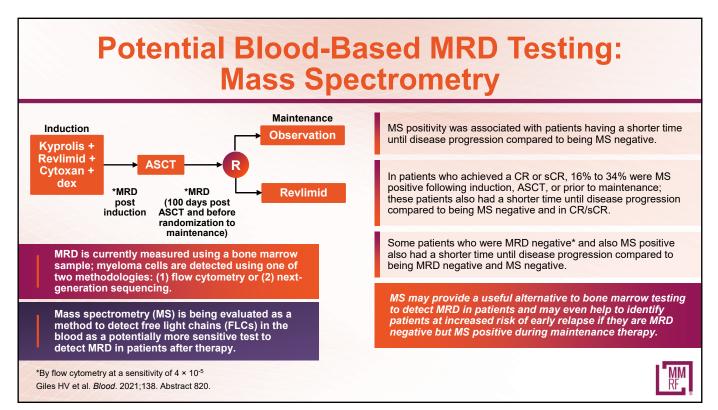


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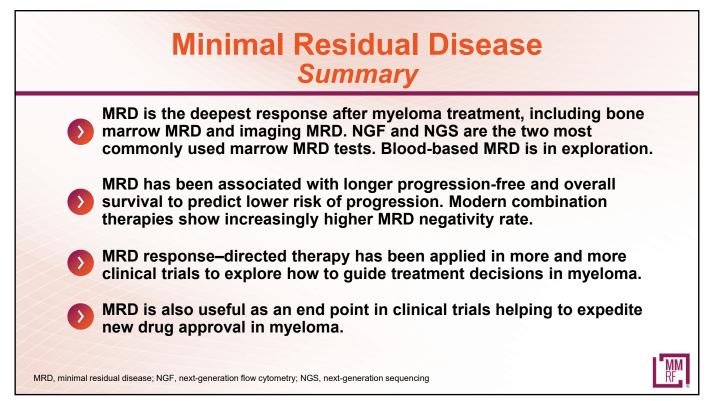


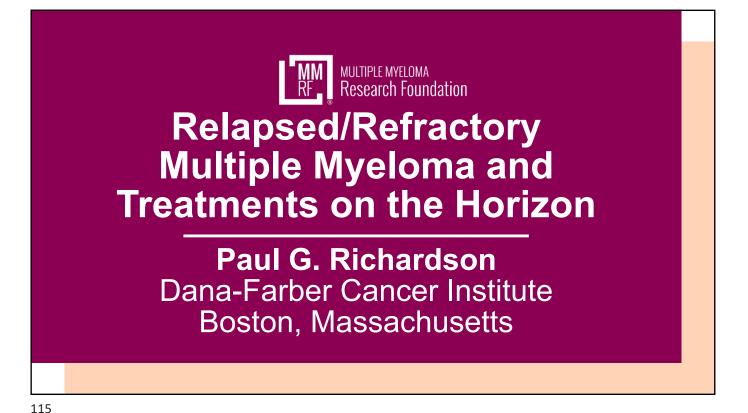


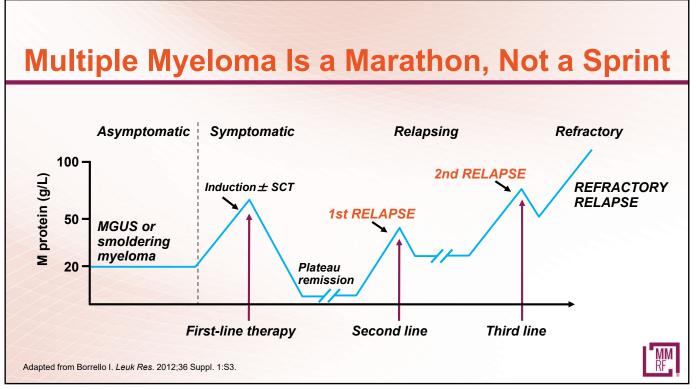




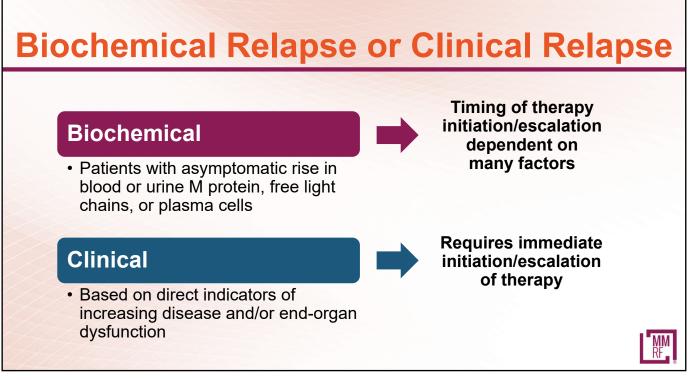
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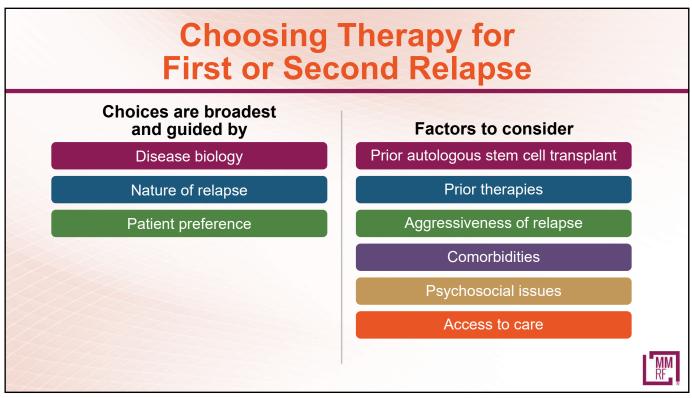






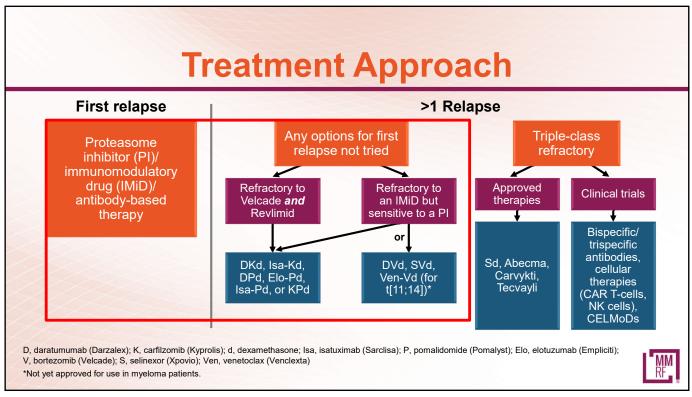




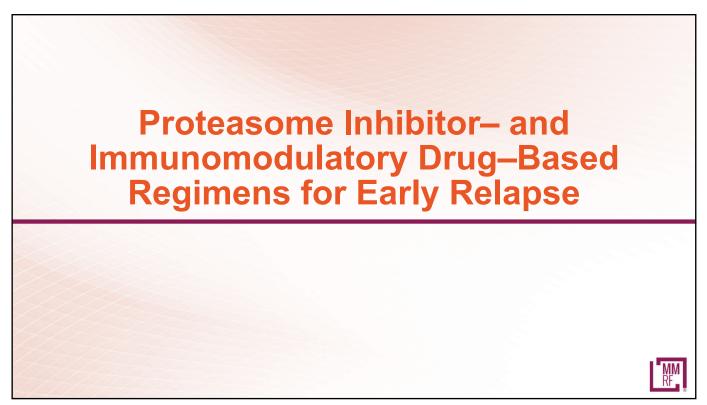


# Options for Relapsed/Refractory Disease Continue to Increase

IMiDs	Proteasome inhibitors	Chemotherapy anthracyclines	Chemotherapy alkylators	Steroids	Novel mechanisms of action	Monoclonal antibodies	Cellular therapy
Thalomid (thalidomide)	Velcade (bortezomib)	Adriamycin	Cytoxan (cyclophosphamide)	Dexamethasone	XPOVIO (selinexor)	Empliciti (elotuzumab)	Abecma (idecabtagene vicleucel)
Revlimid (lenalidomide)	Kyprolis (carfilzomib)	Doxil (liposomal doxorubicin)	Bendamustine	Prednisone	Venclexta (venetoclax)*	Darzalex (daratumumab)	Carvykti (ciltacabtagene autoleucel)
Pomalyst (pomalidomide)	Ninlaro (ixazomib)		Melphalan		<del>Farydak</del> <del>(Panobinostat)</del> †	Sarclisa (isatuximab)	
					<del>Pepaxto</del> <del>(melflufen)</del> †	Blenrep (belantamab mafodotin) <sup>†‡</sup>	
						Tecvayli (teclistamab) <sup>§</sup>	
Not yet FDA-approv	ed for patients with m	ultiple myeloma; †With	ndrawn from the US m	arket; <sup>‡</sup> Antibody-drug	conjugate; §Bispecific	c antibody	





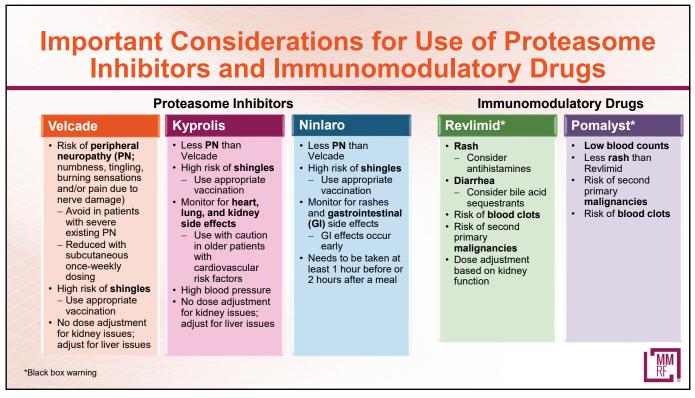


On			Available Agents for Prior Lines of Therapy
Drug		Formulation	Approval
Velcade (bortezomib)	<b>F</b>	<ul><li>IV infusion</li><li>SC injection</li></ul>	For relapsed/refractory myeloma
Kyprolis (carfilzomib)	Ð	<ul><li> IV infusion</li><li>Weekly dosing</li></ul>	<ul> <li>For relapsed/refractory myeloma as a single agent, as a doublet with dexamethasone, and as a triplet with Revlimid or Darzalex plus dexamethasone</li> </ul>
Ninlaro (ixazomib)	Ø	Once-weekly pill	<ul> <li>For relapsed/refractory myeloma as a triplet with Revlimid and dexamethasone</li> </ul>
Revlimid (lenalidomide)*	Ø	Once-daily pill	• For relapsed/refractory myeloma in combination with dexamethasone
Pomalyst (pomalidomide)*	Ø	Once-daily pill	• For relapsed/refractory myeloma in combination with dexamethasone
XPOVIO (selinexor)	Ø	Once-weekly pill	<ul> <li>For relapsed/refractory myeloma as a triplet with Velcade and dexamethasone</li> </ul>
Black box warnings: emb		kicity; hematologic toxicity (F	Revlimid); venous and arterial thromboembolism



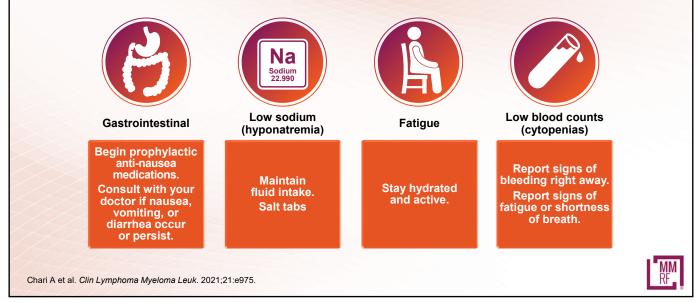
## Proteasome Inhibitor– and Immunomodulatory Drug–Based Regimens for Early Relapse

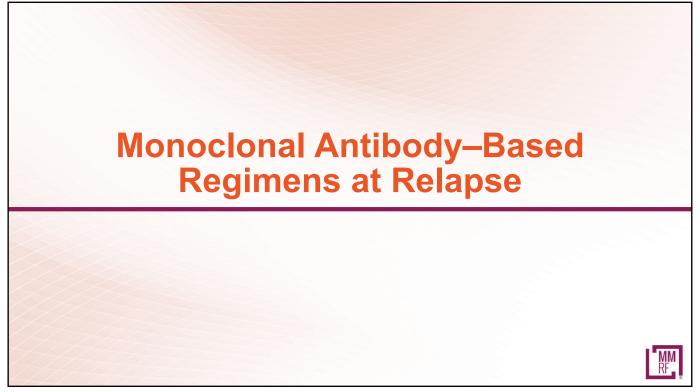
	OPTIMISMM	ASPIRE	TOURMALINE-MM1	BOSTON
Regimens compared	• Velcade-Pomalyst- dex (VPd) vs Vd	<ul> <li>Kyprolis-Revlimid- dex (KRd) vs Rd</li> </ul>	• Ninlaro-Rd (IRd) vs Rd	XPOVIO-Velcade- dex (XPO-Vd) vs Vd
Median progression-free survival favored	• VPd: 11 vs 7 months	• KRd: 26 vs 17 months	• IRd: 21 vs 15 months	• XPO-Vd: 14 vs 9 months
Clinical considerations	<ul> <li>Consider for relapse on Revlimid</li> <li>VPd associated with more low blood counts, infections, and neuropathy than Pd</li> </ul>	<ul> <li>KRd associated with more upper respiratory infections and high blood pressure than Rd</li> </ul>	<ul> <li>IRd an oral regimen</li> <li>Gastrointestinal toxicities and rashes</li> <li>Lower incidence of peripheral neuropathy</li> </ul>	• XPO-Vd associated with low platelet counts and fatigue with triplet, but less neuropathy than the Vd
				MN RF





Important Considerations for Use of XPOVIO





### Currently Available Naked Monoclonal Antibodies for One to Three Prior Lines of Therapy

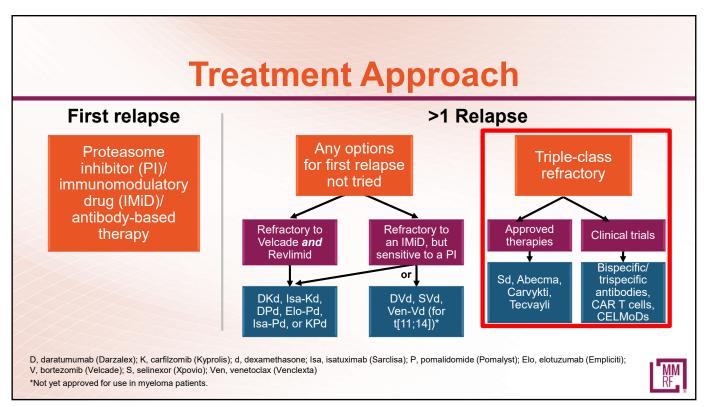
Drug			Formulation	Approval
Darzal (daratı	ex umumab)	<b>B</b>	SC once a week for first 8 weeks, then every 2 weeks for 4 months, then monthly	<ul> <li>For relapsed/refractory myeloma as a single agent and as a triplet with Revlimid or Velcade or Kyprolis or Pomalyst plus dexamethasone</li> </ul>
Emplic (elotuz	citi zumab)	(Ĵ)	IV once a week for first 8 weeks, then every 2 weeks (or every 4 weeks with pom)	<ul> <li>For relapsed/refractory myeloma as a triplet with Revlimid or Pomalyst and dexamethasone</li> </ul>
Sarclis (isatux		Ð	IV once a week for first 4 weeks, then every 2 weeks	<ul> <li>For relapsed/refractory myeloma as a triplet with Pomalyst or Kyprolis and dexamethasone</li> </ul>
V, intravenc	us; SC, subcuta	ineous		

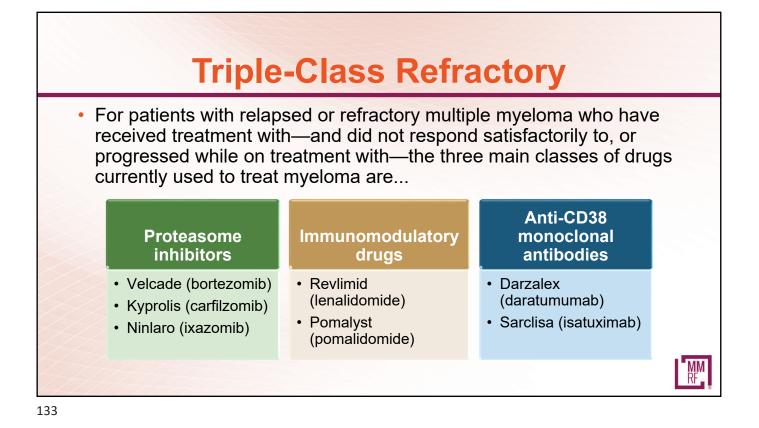
Mor	noclonal A for Earl	ntibody– ly Relapse		
	POLLUX	CASTOR	CANDOR	APOLLO
Regimens compared	• Darzalex-Revlimid- dex (DRd) vs Rd	Darzalex-Velcade- dex (DVd) vs Vd	• Darzalex-Kyprolis- dex (DKd) vs Kd	• Darzalex-Pomalyst- dex (DPd) vs Pd
Median progression- free survival favored	• DRd: 45 vs 18 months	• DVd: 17 vs 7 months	• DKd: 29 vs 15 months	• DPd: 12 vs 7 months
Clinical consider- ations	<ul> <li>Consider for relapses from Revlimid or Velcade maintenance</li> <li>DRd associated with more upper respiratory infections, low blood white blood cell counts, and diarrhea</li> </ul>	<ul> <li>Consider for patients who are Revlimid-refractory without significant neuropathy</li> <li>DVd associated with more low blood cell counts</li> </ul>	<ul> <li>Consider for younger, fit patients who are double-refractory to Revlimid and Velcade</li> <li>DKd associated with more respiratory infections</li> <li>Sever side effects (possibly fatal) in intermediate fit patients 65 and older</li> </ul>	<ul> <li>Consider in patients who are double-refractory to Revlimid and a proteasome inhibitor (Velcade, Kyprolis, Ninlaro)</li> <li>Severe low white blood cell counts</li> </ul>
				n F

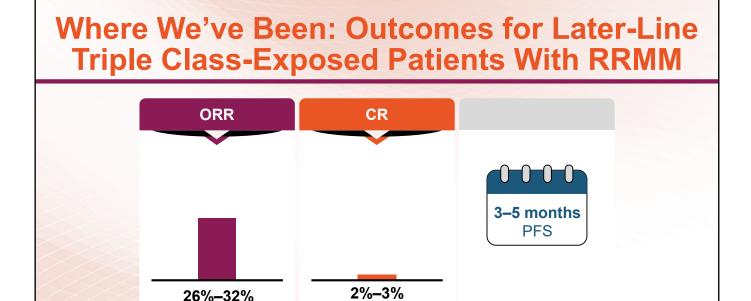
## Monoclonal Antibody–Based Regimens for Early Relapse: Sarclisa and Empliciti

	ELOQUENT-2	ELOQUENT-3	ICARIA-MM	IKEMA
Regimens compared	Empliciti-Revlimid- dex vs Rd	<ul> <li>Empliciti- Pomalyst-dex vs Pd</li> </ul>	Sarclisa-Pomalyst-dex vs Pd	<ul> <li>Sarclisa-Kyprolis-dex vs Kd</li> </ul>
Median progression- free survival favored	• Empliciti-Rd: 19 vs 15 months	• Empliciti-Pd: 10 vs 5 mos	• Sarclisa-Pd: 12 vs 7 mos	• Sarclisa-Kd: 42 vs 21 mos
Clinical consider- ations	<ul> <li>Consider for non- Revlimid refractory, frailer patients</li> <li>Overall survival benefit with Empliciti-Rd</li> <li>Empliciti-Rd associated with more infections</li> </ul>	<ul> <li>Consider for patients refractory to Revlimid and a proteasome inhibitor (Velcade, Kyprolis, Ninlaro)</li> </ul>	<ul> <li>Consider for patients refractory to Revlimid and a proteasome inhibitor (Velcade, Kyprolis, Ninlaro)</li> <li>Sarclisa-Pd associated with severe low white blood cell counts, more dose reductions, upper respiratory infections, and diarrhea</li> </ul>	<ul> <li>Consider for patients refractory to Revlimid and Velcade</li> <li>Sarclisa-Kd associated with higher MRD negativity rates</li> <li>Sarclisa-Kd associated with severe respiratory infections</li> </ul>
				MM RF

Monoclonal Antibodies					
Darzalex	Empliciti	Sarclisa			
<ul> <li>Infusion reactions <ul> <li>Less with SC use</li> </ul> </li> <li>Risk of shingles <ul> <li>Use appropriate vaccination</li> </ul> </li> <li>Increased risk of hypogammaglobuli nemia and upper respiratory infections <ul> <li>Bactrim prophylaxis</li> <li>IVIG support</li> </ul> </li> </ul>	<ul> <li>Infusion reactions</li> <li>Risk of shingles         <ul> <li>Use appropriate vaccination</li> </ul> </li> </ul>	<ul> <li>Infusion reactions</li> <li>Risk of shingles         <ul> <li>Use appropriate vaccination</li> </ul> </li> </ul>			







Class	Drug		Formulation	Approval
Nuclear export inhibitor	XPOVIO (selinexor)	$\bigcirc$	Twice-weekly pill	<ul> <li>For relapsed/refractory myeloma in combination with dexamethasone (after at least 4 prior therapies and whose disease is refractory to at least 2 PIs, at least 2 IMiDs, and an anti-CD38 mAb</li> </ul>
Chimeric antigen receptor (CAR) T cell	Abecma (idecabtagene vicleucel)*		300 to 460 × 10 <sup>6</sup> genetically modified autologous CAR T cells in one or more infusion bags	<ul> <li>For relapsed/refractory myeloma (after 4 or more prior lines of therapy, including an IMiD, a PI, and an anti-CD38 mAb</li> </ul>
CAR T cell	Carvykti (ciltacabtagene autoleucel)†		0.5 to 1.0 × 10 <sup>6</sup> genetically modified autologous CAR T cells/kg of body weight	<ul> <li>For relapsed/refractory myeloma (after 4 or more prior lines of therapy, including a PI, an IMiD, and an anti-CD38 mAb</li> </ul>
Bispecific antibody	Tecvayli (teclistamab)‡	E /	Step-up dosing <sup>§</sup> the first week then once weekly thereafter by subcutaneous injection	<ul> <li>For relapsed/ refractory myeloma (after 4 or more prior lines of therapy, including an IMiD, a PI, and an anti-CD38 mAb)</li> </ul>

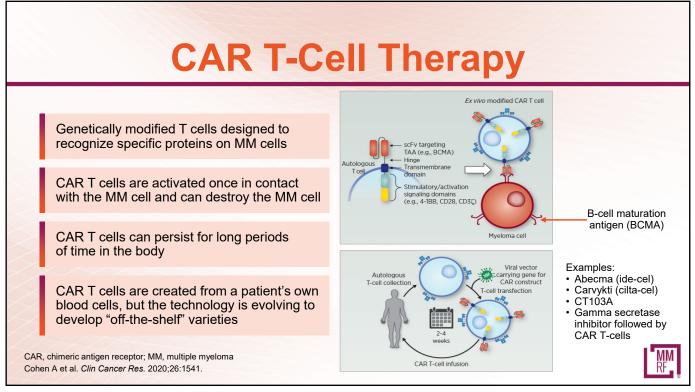
# XPOVIO + Dexamethasone in Relapsed/Refractory Myeloma

	No. patients with ≥PR (%)¹
Total	32 (26)
Previous therapies to which the disease was refractory, n (%)	
Velcade, Kyprolis, Revlimid, Pomalyst, and Darzalex	21 (25)
Kyprolis, Revlimid, Pomalyst, and Darzalex	26 (26)
Velcade, Kyprolis, Pomalyst, and Darzalex	25 (27)
Kyprolis, Pomalyst, and Darzalex	31 (26)
Additional analyses showed clinical benefit	with

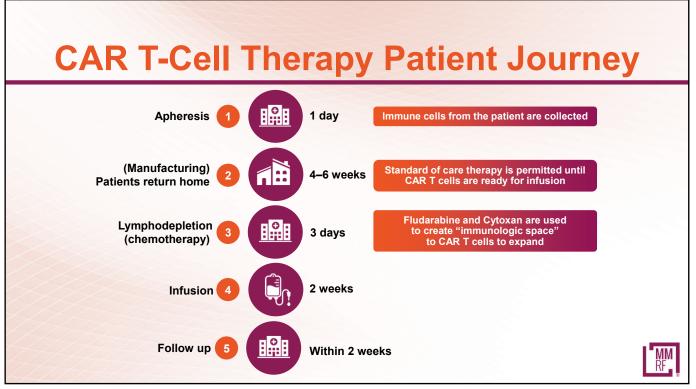
#### **XPOVIO regardless of patient age and kidney function.**<sup>2,3</sup>

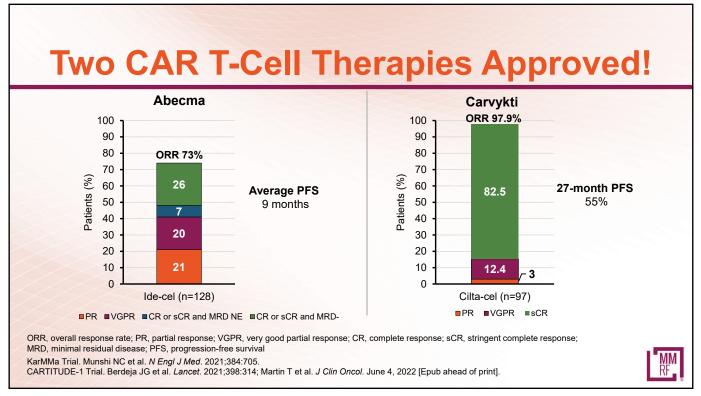
STORM Trial. Chari A et al. N Engl J Med. 2019;381:727.
 Gavriatopoulou M et al. Presented at the 17th International Myeloma Workshop;
 September 12-15, 2019. Abstract FP-110.
 Vogl DT et al. Presented at the 17th International Myeloma Workshop; September 12-15, 2019. Abstract FP-111.



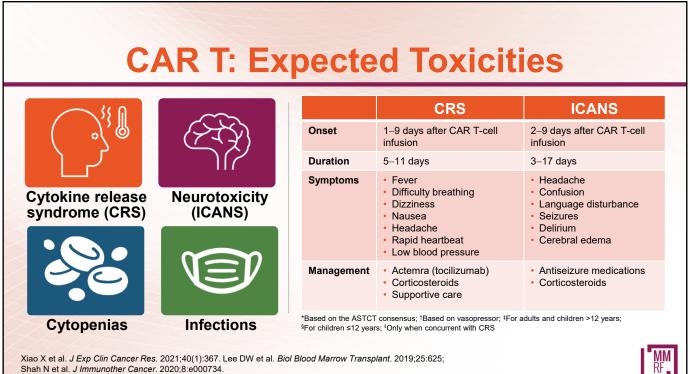


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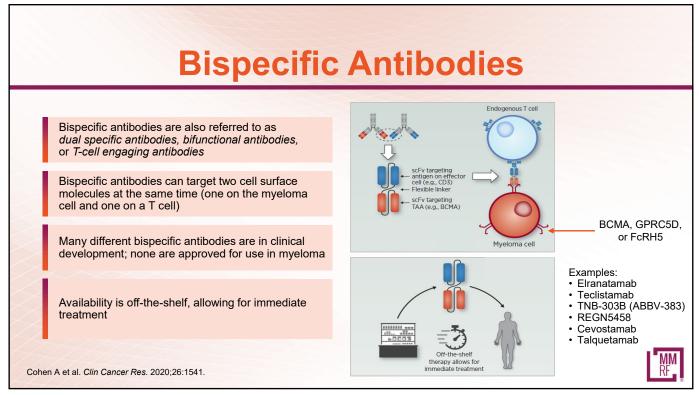


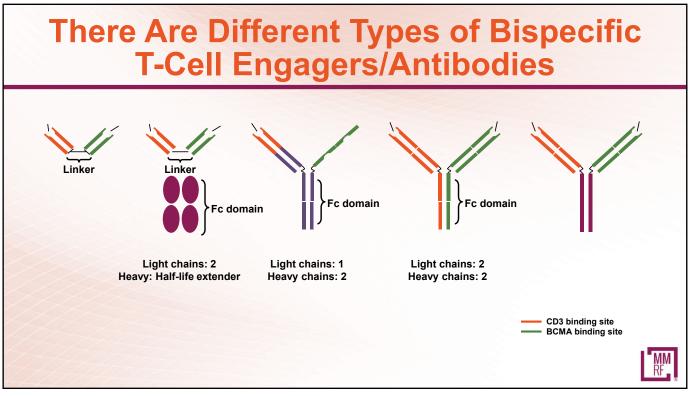




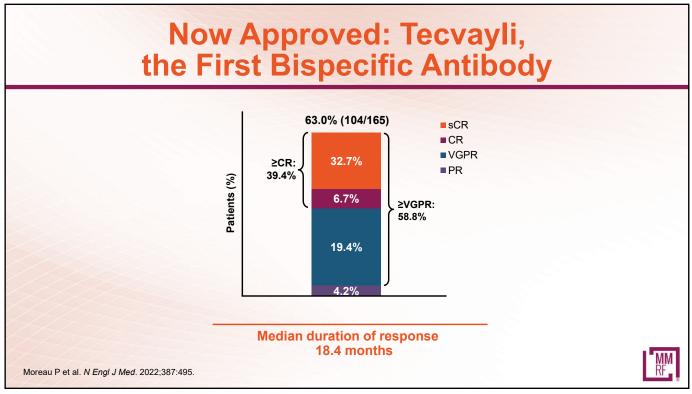
Shah N et al. J Immunother Cancer. 2020;8:e000734.

		Autologous stem
Cellular therapies	CAR T-cell therapy	cell transplantation
Patient's cells collected	Yes	Yes
Types of cells collected	T cells*	Stem cells <sup>†</sup>
Collected cells are genetically engineered in a lab	Yes	No
Patient given chemotherapy before cells are infused back into patient	Yes, lymphodepleting therapy	Yes, melphalan
When in the course of myeloma is this <i>usually</i> done?	After multiple relapses	As part of initial treatment
Side effects of treatment	Cytokine release syndrome; confusion	Fatigue, nausea, diarrhea



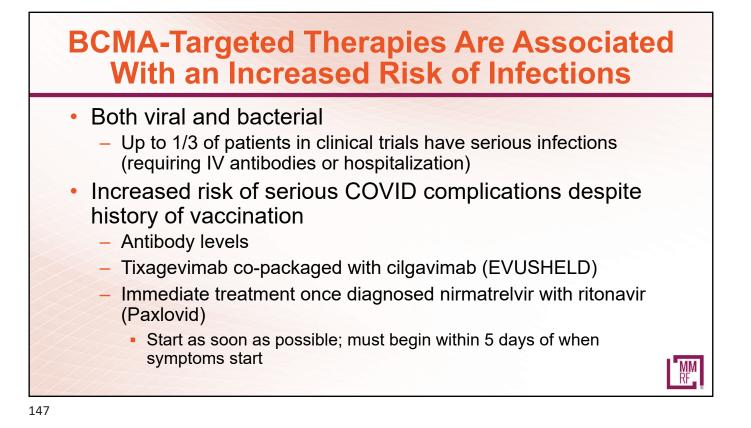


cific An	tibodies	: >20% A
Myeloma cell target	Bispecific agent	Patients responding*
BCMA	Teclistamab	63%
BCMA	REGN5458	73%
BCMA	Elranatamab	73%
BCMA	TNB383B	60%
BCMA	CC93269	89%
BCMA	AMG701	83%
GPRC5D	Talquetamab	70%
FCRH5	Cevostamab	55%
Based on a recent sampling	-	



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### **Bispecific Antibodies: Expected Toxicities** Cytokine release syndrome (CRS) Neurotoxicity (ICANS) Usually occurs within first 1–2 weeks Frequency (all grade and grade 3–5) higher with CAR T Cytopenias Target unique For example, rash, taste disturbance seen with GPRC5D, but not with BCMA Infections Incidence for bispecifics at RP2D not yet known – Viruses: CMV, EBV - PCP/PJP Ongoing discussions regarding prophylactic measures IVIG Anti-infectives

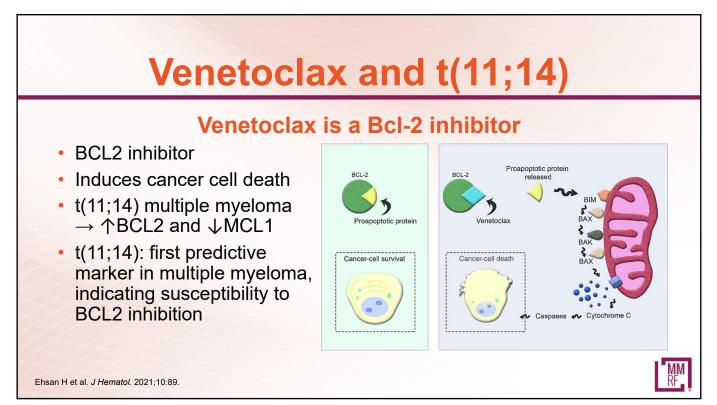


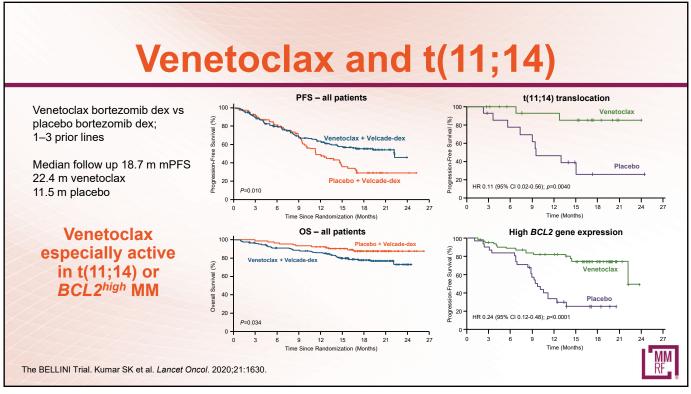
## Similarities and Differences Between CAR T-Cell Therapy and Bispecific Antibodies

	CAR T-cell therapy	Bispecific antibody
Approved product	Abecma, Carvykti	Tecvayli
Efficacy	++++	+++
How given	One-and-done	IV or SC, weekly to every 3 weeks until progression
Where given	Academic medical centers	Academic medical centers
Notable adverse events	CRS and neurotoxicity	CRS and neurotoxicity
Cytokine release syndrome	+++	++
Neurotoxicity	++	+
Availability	Wait time for manufacturing	Off-the-shelf, close monitoring for CRS and neurotoxicity

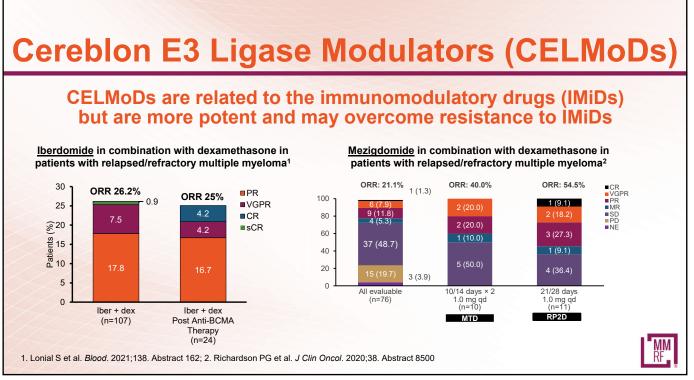
	Novel	agents	Immunotherapies					
Clinical phase	Precision medicine	Novel mechanisms of action <sup>†</sup>	lmmuno- modulatory agents	Naked antibodies <sup>†</sup>	Antibody- drug conjugates	Bispecific antibodies and bispecific T-cell engagers <sup>†</sup>	CAR T-cell therapies <sup>†</sup>	Checkpoint inhibitors
Phase 3	Venetoclax*		Iberdomide			Talquetamab		
Phase 1, 2	Abemaciclib* Cobimetinib* Dabrafenib Enasidenib* Erdafitinib* Idasanutlin Trametinib Vemurafenib	ABBV-43 AMG-176 AMG-232 APG-2575 Azacitidine BGB-11417 BMF-219 CFT7455 Citarinostat COM902 CYT-0851 Disulfiram Duvelisib	Avadomide Mezigdomide Modakafusp alfa	AB308 ALT-803 AO-176 BMS-986207 EOS884448 Feladilimab GEN3014 GSK3174998 Lirilumab Magrolimab	AMG-224 CC-99712 FOR46 HDP-101 MED12228 MT-0169 STI-6129 STRO-001	AMG 701 Cevostamab CC-92328 CC-93269 CC-95266 Elranatamab HPN217 ISB 1342 REGN5458 REGN5459 TNB-383B	ALLO-605 ALLO-715 ATLCAR.CD138 CART-ddBCMA CART-TnMUC1 CC-98633 CS1-CART CTX120 CYAD-211	Abatacept Cemiplimab Dostarlimab Durvalumab Ipilimumab Nivolumab Pembrolizuma TTI-622 Zimberelimab

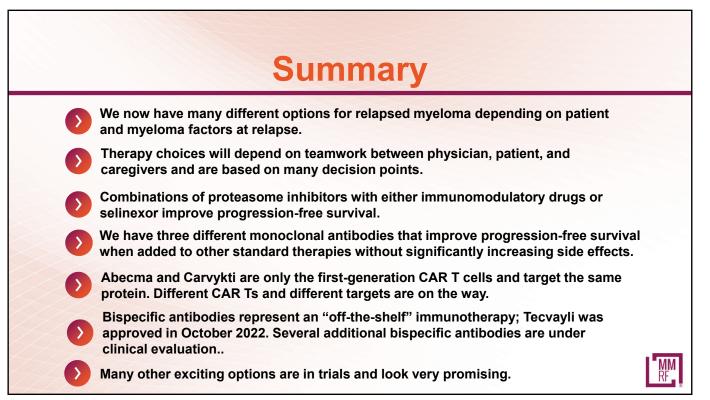


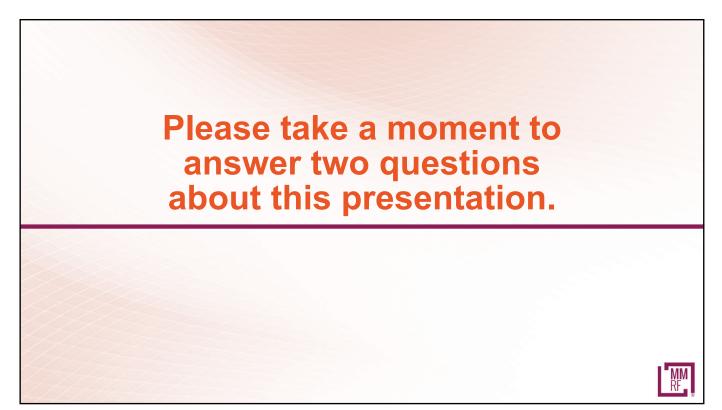




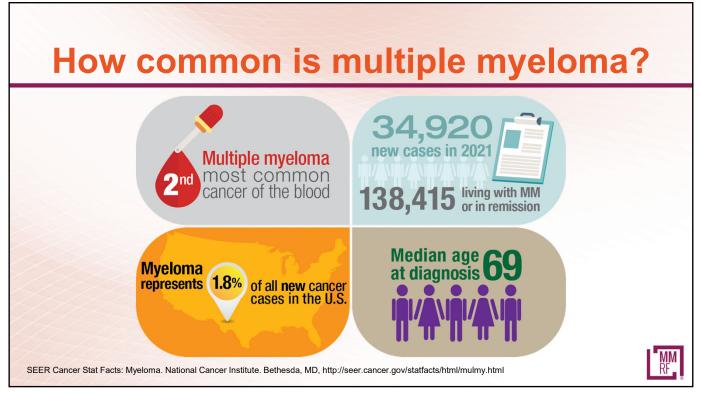
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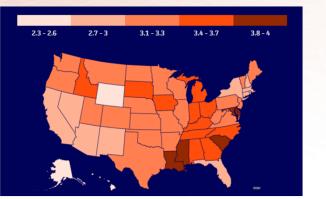
#### Incidence rates, 2014–2018 Myeloma, by state



Average annual rate per 100,000, age adjusted to the 2000 US standard population.

Data sources: North American Association of Central Cancer Registries (NAACCR), 2021

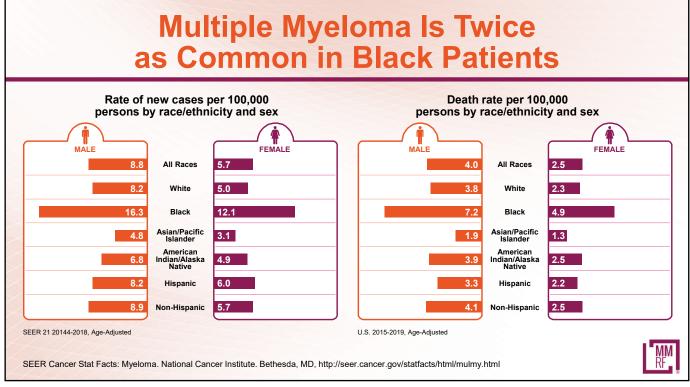
#### Death rates, 2015–2019 Myeloma, by state

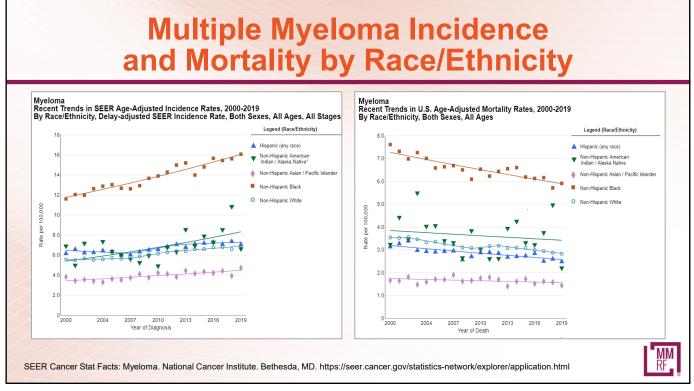


Average annual rate per 100,000, age adjusted to the 2000 US standard population.

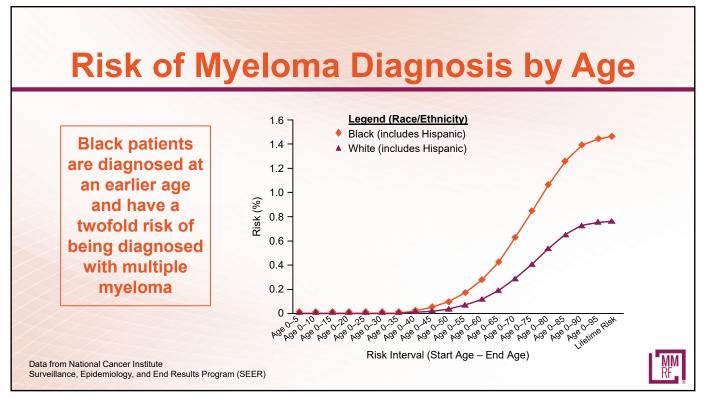
Data sources: National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention, 2021

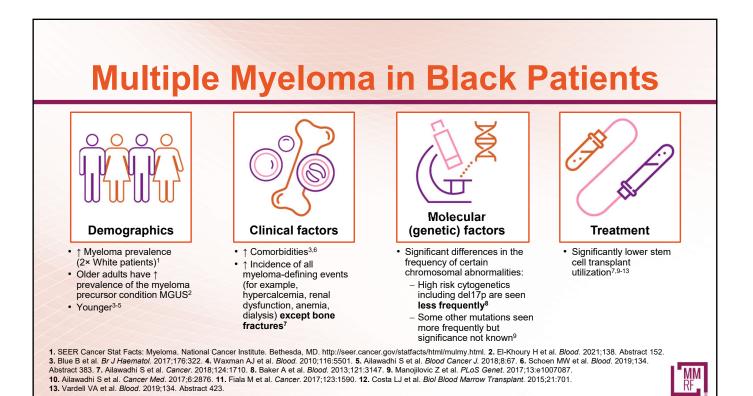






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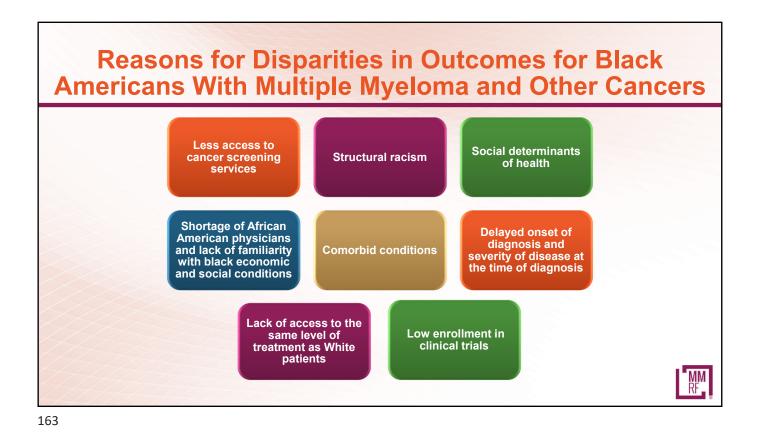




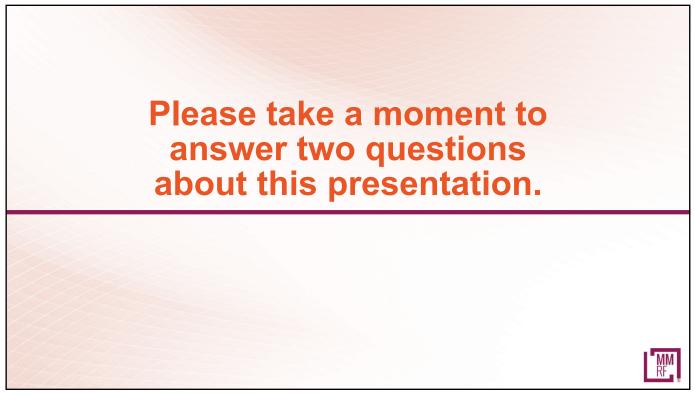
# **Disparities in Care in Black Patients**

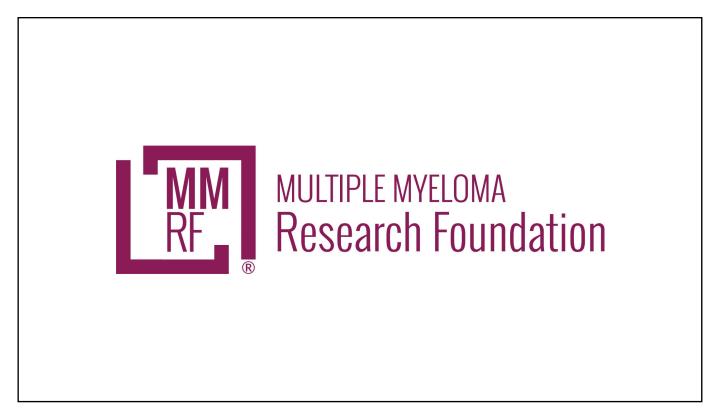
- Several studies have shown that the use of standard therapies tends to be significantly lower in Black patients
- However, with equal access to standard therapy, the outcome in Black patients is equal or superior to that of White patients

Treatment type	Use in Black patients	Use in White patients	P value
Triplet therapy	47%	61%	0.004
Stem cell transplantation	30%	40%	0.034



<section-header>
 Despite disparities in incidence and outcomes of multiple myeloma among Black patients, evidence suggests that these disparities can be overcome:
 Ansure equal access to appropriate therapeutic options for Black patients
 Increase awareness of these disparities and their solutions to patients, physicians, and the communities



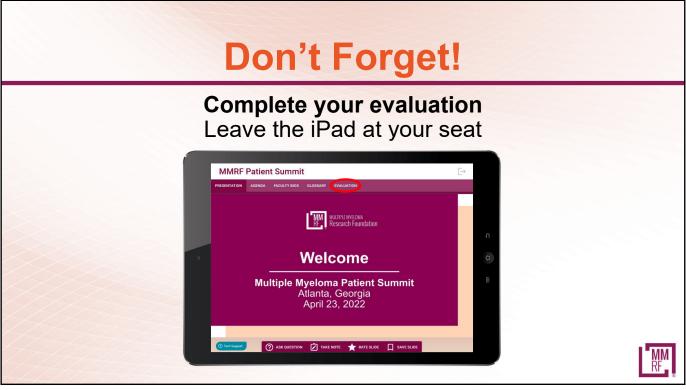












## Upcoming Patient Education Events Save the Date

	hursday, December 15 00 рм – 5:00 рм (ЕТ)	Nitya Nathwani, MD
Highlights From the 2022 American	uesday, December 20 :00 рм – 3:00 рм (ЕТ)	Hearn Jay Cho, MD, PhD Joshua Richter, MD

For more information or to register, please visit themmrf.org/resources/education-program

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